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259	12.2	3.1	17	1	AR324975	ACCESSION:AR324975	C 332	12	3.0	17	1	AR329517	ACCESSION:AR329517
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268	12.2	3.1	17	1	AR398437	ACCESSION:AR398437	C 341	12	3.0	17	1	AX726082	ACCESSION:AX726082
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273	12.2	3.1	17	1	AX133964	ACCESSION:AX133964	C 346	11.8	3.0	15	1	AX14749	ACCESSION:AX14749
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295	12.2	3.1	17	1	AX634629	ACCESSION:AX634629	C 368	11.8	3.0	15	1	AX637343	ACCESSION:AX637343
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ALIGNMENTS

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RESULT 1
BD176812/c
LOCUS BD176812 38 bp DNA linear PAT 18-MAR-2003
DEFINITION Remedies for arteriosclerosis.
ACCESSION BD176812
VERSION BD176812.1 GI:29122524
KEYWORDS synthetic construct
SOURCE WO 02074342-A/2.
ORGANISM
REFERENCE 1 (bases 1 to 38).
AUTHORS Saiga,A., Ono,T., Yamada,K. and Hanasaki,K.
TITLE Remedies for arteriosclerosis
JOURNAL Patent: WO 02074342-A 2 26-SEP-2002;
SHIONOGI AND CO LTD,AKIHIKO SAIGA,TAKASHI ONO,KATSUTOSHI YAMADA,
KOJI HANASAKI
COMMENT OS Artificial Sequence
PN WO 02074342-A/2
PD 26-SEP-2002
PF 19-MAR-2002 WO 2002JP002585
PR 19-MAR-2001 JP 01P 078569,28-DEC-2001 JP 01P 401289 PI
AKIHIKO SAIGA,TAKASHI ONO,KATSUTOSHI YAMADA,KOJI HANASAKI PC
A61K45/00,A61K31/4985,A61K31/437,A61K31/404,A61P43/ PC
00,A61E9/10,
PC C07D487/04,C07D471/04,C07D209/88,C07D405/04,C07D209/22 CC
Description of Artificial Sequence: primer
FH Key Location/Qualifiers
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FT /organism='Artificial Sequence'.
FT Location/Qualifiers

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Matches 35; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 526 TTTCACCAATCTCTGCTCTAGGCTCTCCAGCGAG 563
DB 38 TTTCACCAATCTCTGCTCTAGGCTCTCCAGCGAG 1

RESULT 2
AR081983/c
LOCUS AR081983 22 bp DNA linear PAT 31-AUG-2000
DEFINITION Sequence 16 from patent US 5972677.
ACCESSION AR081983
VERSION AR081983.1 GI:10008709
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 22)
AUTHORS Tischfield,J.A. and Seilhamer,J.J.
TITLE Mammalian phospholipase A.sub.2 nucleotide sequences low molecular weight amino acid sequences encoded thereby antisense sequences and nucleotide sequences having internal ribosome binding sites
JOURNAL Patent: US 5972677-A 16 26-OCT-1999;
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QY 522 ATACTTCCCAACATCTCTGTC 543
DB 22 ATACTTCCCAACATCTCTGTC 1

RESULT 3
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LOCUS AR198379 22 bp DNA linear PAT 20-APR-2002
DEFINITION Sequence 16 from patent US 6352849.
ACCESSION AR198379
VERSION AR198379.1 GI:20248228
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 22)
AUTHORS Tischfield,J.A. and Seilhamer,J.J.
TITLE Mammalian phospholipase A2 nucleotide sequences, low molecular weight amino acid sequences encoded thereby, antisense sequences and nucleotide sequences having internal ribosome binding sites
JOURNAL Patent: US 6352849-A 16 05-MAR-2002;
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Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 22 ATACTTCCCAACATCTCTGTC 1

Query Match
Best Local Similarity 5.5%; Score 22; DB 1; Length 22;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 522 ATACTTCCCAACATCTCTGTC 543
DB 22 ATACTTCCCAACATCTCTGTC 1

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BD088099
LOCUS      20 bp      DNA      linear      PAT 27-AUG-2002
DEFINITION A method of arraying genome clone.
ACCESSION  BD088099
VERSION     GI:22633709
KEYWORDS    JP 2001321190-A/343.
SOURCE      synthetic construct
ORGANISM    artificial sequences.
REFERENCE   1 (bases 1 to 20)
AUTHORS     Soeda,E.
TITLE       A method of arraying genome clone
JOURNAL     Patent: JP 2001321190-A 343 20-NOV-2001;
            THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
COMMENT     GENOTECs
OS          Artificial Sequence
PN          JP 2001321190-A/343
PD          20-NOV-2001
PF          12-MAR-2001 JP 2001068285
PI          EIICHI SOEDA
PC          C12N15/09,C12N15/09,CL2M1/00,CL2Q1/68,G01N33/53,G01N33/566,PC
           C12N15/00,
PC          CL2N15/00
CC          Description of Artificial Sequence:Synthetic DNA FH Key
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Best Local Similarity 100.0%; Pred. No. 11;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      869  GGAACACTTCTCGATGTC 888
Db      1  GGAACACTTCTCGATGTC 20

RESULT 5
AB067850
LOCUS      20 bp      DNA      linear      SYN 21-MAY-2003
DEFINITION Synthetic construct DNA, forward primer for human STS sts-stSG1697
           at 1p36.
ACCESSION  AB067850
VERSION     GI:15128654
KEYWORDS    synthetic construct
SOURCE      synthetic construct
ORGANISM    artificial sequences.
REFERENCE   1
AUTHORS     Chen,Y.Z., Hayashi,Y., Wu,J.G., Takaoka,E., Maekawa,K.,
           Watanabe,N., Inazawa,J., Hosoda,F., Arai,Y., Mizushima,H.,
           Morohashi,A., Ohira,M., Nakagawara,A., Liu,S., Hoshi,M., Horii,A.
           and Soeda,E.
TITLE       A BAC-based STS-content map spanning a 35-Mb region of human
           chromosome 1p35-p36
JOURNAL     Genomics 74 (1), 55-70 (2001)
MEDLINE     21269192
PUBMED      11374902
REFERENCE   2 (bases 1 to 20)
AUTHORS     Horii,A.
TITLE       Direct Submission
JOURNAL     Submitted (04-AUG-2001) Akira Horii, Tohoku University School of
           Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, Sendai,
           Miyagi 980-8575, Japan (E-mail:horii@mail.cc.tohoku.ac.jp,
           Tel:81-22-717-8049, Fax:81-22-717-8047)
KEYWORDS    Location/Qualifiers

FEATURES
source
Query Match      5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 11;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      869  GGAACACTTCTCGATGTC 888
Db      1  GGAACACTTCTCGATGTC 20

RESULT 6
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LOCUS      24 bp      DNA      linear      PAT 17-JUL-2003
DEFINITION Regulated target expression for screening.
ACCESSION  BD211038
VERSION     GI:33020808
KEYWORDS    JP 2002511239-A/61.
SOURCE      unidentified
ORGANISM    unidentified.
REFERENCE   1 (bases 1 to 24)
AUTHORS     Trias,J., Young,D. and Rosenow,C.
TITLE       Regulated target expression for screening
JOURNAL     Patent: JP 2002511239-A 61 16-APR-2002;
           VERSICOR INC
COMMENT     OS Unknown
           PN JP 2002511239-A/61
           PD 16-APR-2002
           PF 14-APR-1999 JP 2000543482
           PR 14-APR-1998 US 60/098563,24-APR-1998 US 60/082952 PR
           10-JUL-1998 US 60/100430,23-OCT-1998 US 60/105441 PR
           23-OCT-1998 US 60/105447,29-JAN-1999 US 60/117758 PR
           29-JAN-1999 US 60/117955
           PI JOAQUIM TRIAS,DENNIS YOUNG,CARSTEN ROSENOW
           PC C12N1/15,A61K45/00,A61P43/00,A61P43/00,C12N1/19,C12N1/21 PC
           ,C12N5/10,C12N5/10,
           PC C12N5/10,C12N15/09,CL2P21/02,CL2Q1/02,CL2Q1/04,G01N33/15,PC
           G01N33/50,
           GC C12N5/00,C12N5/00,C12N5/00,C12N15/00
           CC Regulated target expression for screening.
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QY      519  CCAATACCTTCCCAATCCTCTG 542
Db      1  CAAACACATTCCTCAGCATCCTCTG 24

RESULT 7
A98535
LOCUS      20 bp      DNA      linear      PAT 26-JAN-2000
DEFINITION Sequence 10 from Patent WO9911778.
ACCESSION  A98535
VERSION     A98535.1
KEYWORDS    A98535.1 GI:6781621
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           KEYWORDS
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/mol_type="genomic DNA"
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misc_feature
1..20
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sts-stSG1697 obtained from clones B83K22, B47P3, B43E2,
B123D13, B290B2, B82D16 , Human BAC library RPCI-11"

Query Match      5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 11;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      869  GGAACACTTCTCGATGTC 888
Db      1  GGAACACTTCTCGATGTC 20

RESULT 6
BD211038
LOCUS      24 bp      DNA      linear      PAT 17-JUL-2003
DEFINITION Regulated target expression for screening.
ACCESSION  BD211038
VERSION     GI:33020808
KEYWORDS    JP 2002511239-A/61.
SOURCE      unidentified
ORGANISM    unidentified.
REFERENCE   1 (bases 1 to 24)
AUTHORS     Trias,J., Young,D. and Rosenow,C.
TITLE       Regulated target expression for screening
JOURNAL     Patent: JP 2002511239-A 61 16-APR-2002;
           VERSICOR INC
COMMENT     OS Unknown
           PN JP 2002511239-A/61
           PD 16-APR-2002
           PF 14-APR-1999 JP 2000543482
           PR 14-APR-1998 US 60/098563,24-APR-1998 US 60/082952 PR
           10-JUL-1998 US 60/100430,23-OCT-1998 US 60/105441 PR
           23-OCT-1998 US 60/105447,29-JAN-1999 US 60/117758 PR
           29-JAN-1999 US 60/117955
           PI JOAQUIM TRIAS,DENNIS YOUNG,CARSTEN ROSENOW
           PC C12N1/15,A61K45/00,A61P43/00,A61P43/00,C12N1/19,C12N1/21 PC
           ,C12N5/10,C12N5/10,
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           G01N33/50,
           GC C12N5/00,C12N5/00,C12N5/00,C12N15/00
           CC Regulated target expression for screening.
           FH Key Location/Qualifiers
           FT source
           1..24
           Location/Qualifiers
           1..24
           /organism='Unknown'.
           FT          Location/Qualifiers
           1..24
           /organism="unidentified"
           /mol_type="genomic DNA"
           /db_xref="taxon:32644"

Query Match      4.4%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 38;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      519  CCAATACCTTCCCAATCCTCTG 542
Db      1  CAAACACATTCCTCAGCATCCTCTG 24

RESULT 7
A98535
LOCUS      20 bp      DNA      linear      PAT 26-JAN-2000
DEFINITION Sequence 10 from Patent WO9911778.
ACCESSION  A98535
VERSION     A98535.1
KEYWORDS    A98535.1 GI:6781621
           A98535
           KEYWORDS
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Sequence 46 from Patent WO0224747.

DEFINITION
AX404220
ACCESSION
AX404220.1 GI:21437501
VERSION
KEYWORDS
synthetic construct
synthetic construct
artificial sequences.
SOURCE
ORGANISM
Rattus
1 (bases 1 to 20)
REFERENCE
Higenbottam,T. and McCormack,K.
AUTHORS
ANTISENSE TREATMENT OF PULMONARY HYPERTENSION
TITLE
Patent: WO 9911778-A 10 11-MAR-1999;
JOURNAL
HIGENBOTTAM TIMOTHY (GB); MCCORMACK KEITH (GB)
LOCATION/Qualifiers
1..20
/organism="Rattus norvegicus"
/mol_type="unassigned DNA"
/db_xref="taxon:10116"

Query Match 4.1%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 46;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 886 TGCACCTACTTCTCAGCT 903
|||||
Db 1 TGCACCTCTCTCTCAGCT 18

RESULT 8
BD080757
LOCUS
20 bp DNA linear PAT 27-AUG-2002
DEFINITION
Antisense remedy of pulmonary hypertension.
BD080757
ACCESSION
BD080757.1 GI:22626360
VERSION
JP 2001515011-A/10.
KEYWORDS
Rattus norvegicus (Norway rat)
SOURCE
Rattus norvegicus
Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae;
Rattus.
1 (bases 1 to 20)
REFERENCE
Higenbottam,T., McCormack,K. and Smith,A.
AUTHORS
Antisense remedy of pulmonary hypertension
TITLE
Patent: JP 2001515011-A 10 18-SEP-2001;
JOURNAL
UNIVERSITY OF SHEFFIELD
COMMENT
OS Rattus norvegicus (rat)
PN JP 2001515011-A/10
PD 18-SEP-2001
PF 02-SEP-1997 GB 9718487.3
PI TIMOTHY HIGENBOTTAM,KEITH MCCORMACK,ADRIAN SMITH PC
A61K31/709,A61M11/00,A61M15/00,A61P3/06,C12N15/09,C12N15/00 CC
Strandedness: Single;
CC Topology: Linear;
CC Antisense remedy of pulmonary hypertension
FH Key Location/Qualifiers
FT source 1..20
/organism="Rattus norvegicus (rat)".
FT Location/Qualifiers
1..20
/organism="Rattus norvegicus"
/mol_type="genomic DNA"
/db_xref="taxon:10116"

Query Match 4.1%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 46;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 886 TGCACCTACTTCTCAGCT 903
|||||
Db 1 TGCACCTCTCTCTCAGCT 18

RESULT 9
AX404220/c

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TITLE Human posh-like protein 1
JOURNAL Patent: EP 1239051-A 1116 11-SEP-2002;
Aeonica, Inc. (US)

FEATURES
source 1..17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 3.9%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 53;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 744 GTAGGGTCCCAGGGTCC 760
Db 1 GTAGGGGCCAGGGTCC 17

RESULT 12
AR294437/c AR294437 19 bp DNA linear PAT 12-JUN-2003
LOCUS Sequence 6172 from patent US 6537751.
DEFINITION AR294437
ACCESSION AR294437 GI:31681721
VERSION AR294437.1
KEYWORDS Unknown.
SOURCE Unknown.
ORGANISM Unclassified.

REFERENCE Cohen, D., Chumakov, I. and Blumenfeld, M.
AUTHORS Biallelic markers for use in constructing a high density
TITLE disequilibrium map of the human genome
JOURNAL Patent: US 6537751-A 6172 25-MAR-2003;
FEATURES Location/Qualifiers
source 1..19
/organism="unknown"
/mol_type="genomic DNA"

Query Match 3.9%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 63;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 873 CACTTCTCCTGAGATGCA 889
Db 17 CACTTCTCCTGAGATGCA 1

RESULT 13
AX328605/c AX328605 19 bp DNA linear PAT 08-JAN-2002
LOCUS Sequence 102 from Patent EP1164203.
DEFINITION AX328605
ACCESSION AX328605
VERSION AX328605.1 GI:18101804
KEYWORDS unidentified
SOURCE unidentified
ORGANISM unclassified.

REFERENCE Koester, H., Little, D.P., Braun, A., Jurinke, C., van den Boom, D.,
AUTHORS Xiang, G., Lough, D.M., Rupert, A. and Hillenkamp, F.
TITLE Dna diagnostics based on mass spectrometry
JOURNAL Patent: EP 1164203-A 102 19-DEC-2001;
SEQUENOM, INC. (US)

FEATURES Location/Qualifiers
source 1..19
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

Query Match 3.9%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 63;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 753 CAGGGTCCCTAGGCCTC 769
Db 19 CAGGGTCCCTAGGCCTC 3

RESULT 14
BD132170/c BD132170 19 bp DNA linear PAT 18-SEP-2002

LOCUS DNA diagnosis method based on mass spectrometry.

DEFINITION BD132170
ACCESSION BD132170.1 GI:23227115
VERSION BD132170
KEYWORDS JP 2002507883-A/102.
SOURCE synthetic construct
ORGANISM artificial sequences.

REFERENCE 1 (bases 1 to 19)
AUTHORS Koester, H., Little, D.P., Braun, A., Lough, D.M., Xiang, G.,
Boom, D.V.D., Jurinke, C. and Rupert, A.

TITLE Dna diagnosis method based on mass spectrometry
JOURNAL Patent: JP 2002507883-A 102 12-MAR-2002;
SEQUENOM INC

COMMENT PN JP 2002507883-A/102
PD 12-MAR-2002
PF 06-NOV-1997 JP 1998521832
PR 06-NOV-1996 US 08/744481, 06-NOV-1996 US 08/746036 PR
06-NOV-1996 US 08/746055, 06-NOV-1996 US 08/744590 PR
23-JAN-1997 US 08/786988, 23-JAN-1997 US 08/787639 PR
19-SEP-1997 US 08/933792, 08-OCT-1997 US 08/947801 PI HUBERT
KOSTER, DANIEL P LITTLE, ANDREAS BRAUN, DAVID M LOUGH, FI GUOBING XIANG.

PI DIRK VAN DEN BOOM, CHRISTIAN JURINKE, ANDREAS RUPERT PC
CI2Q1/68, C07H21/00, C07F9/24
CC Strandedness: Single;
CC Topology: Unknown;
FH Key Location/Qualifiers.

FEATURES Location/Qualifiers
source 1..19
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 3.9%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 63;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 753 CAGGGTCCCTAGGCCTC 769
Db 19 CAGGGTCCCTAGGCCTC 3

RESULT 15
AR315394/c AR315394 20 bp DNA linear PAT 12-JUN-2003
LOCUS Sequence 5931 from patent US 6559294.

DEFINITION AR315394
ACCESSION AR315394
VERSION AR315394.1 GI:31708820
KEYWORDS Unknown.
SOURCE Unknown.
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 20)
AUTHORS Griffiths, R., Holseth, S.K., Zagursky, R.J., Metcalf, B.J., Peek, J.A.,
Sankaran, B. and Fletcher, D.D.
TITLE Chlamydia pneumoniae polynucleotides and uses thereof
JOURNAL Patent: US 6559294-A 5931 06-MAY-2003;
SEQUENOM, INC. (US)

FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 3.9%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 68;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY 728 CTGGTCATAGGACTTGG 744
Db 17 CTGGTCATAGGACTTGG 1

RESULT 16
AR009520/c
LOCUS AR009520 linear PAT 04-DEC-1998
DEFINITION Sequence 1 from patent US 5756312.
ACCESSION AR009520
VERSION AR009520.1 GI:3968325
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Weiner,A.J. and Houghton,M.
TITLE Immunoreactive polypeptide compositions
JOURNAL Patent: US 5756312-A 1 26-MAY-1998;
FEATURES
source
Location/Qualifiers
1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 3.8%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 74;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 548 AGGCCTCCCGAGCGAGCTCC 567
Db 20 AGGACTCCCGAGTGAGCACC 1

RESULT 19
I66207/c
LOCUS I66207 linear PAT 28-DEC-1997
DEFINITION Sequence 1 from patent US 5670153.
ACCESSION I66207
VERSION I66207.1 GI:2724184
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Weiner,A.J. and Houghton,M.
TITLE Immunoreactive polypeptide compositions
JOURNAL Patent: US 5670153-A 1 23-SEP-1997;
FEATURES
source
Location/Qualifiers
1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 3.8%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 74;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 548 AGGCCTCCCGAGCGAGCTCC 567
Db 20 AGGACTCCCGAGTGAGCACC 1

RESULT 20
AX293310
LOCUS AX293310 linear PAT 21-NOV-2001
DEFINITION Sequence 5072 from Patent WO0179548.
ACCESSION AX293310
VERSION AX293310.1 GI:17054993
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Barany,F., Zirvi,M., Gerry,N.P., Favis,R. and Kliman,R.
TITLE Method of designing addressable array for detection of nucleic acid
JOURNAL sequence differences using ligase detection reaction
FEATURES
source
Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Hypothetical Probe Sequence"

Query Match 3.8%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 74;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 705 CAGCGAGTCCCGAGGAGTG 724
Db 20 AGGACTCCCGAGTGAGCACC 1

RESULT 17
AR172132/c
LOCUS AR172132 linear PAT 17-DEC-2001
DEFINITION Sequence 1 from patent US 6303292.
ACCESSION AR172132
VERSION AR172132.1 GI:17911623
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Weiner,A.J. and Houghton,M.
TITLE Immunoreactive polypeptide compositions
JOURNAL Patent: US 6303292-A 1 16-OCT-2001;
FEATURES
source
Location/Qualifiers
1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 3.8%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 74;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 548 AGGCCTCCCGAGCGAGCTCC 567
Db 20 AGGACTCCCGAGTGAGCACC 1

RESULT 18
I66194/c
LOCUS I66194 linear PAT 28-DEC-1997
DEFINITION Sequence 1 from patent US 5670152.
ACCESSION I66194
VERSION I66194.1 GI:2724171
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
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QY 869 GGAACACTTCTCGAGTGC 888
 DB 1 GGAACACTTCTCGAGTGC 20

RESULT 21
 AX764697/c
 LOCUS AX764697 20 bp DNA linear PAT 25-JUN-2003
 DEFINITION Sequence 167 from Patent WO03004704.
 ACCESSION AX764697
 VERSION AX764697.1 GI:32258905
 KEYWORDS synthetic construct
 SOURCE synthetic construct
 ORGANISM artificial sequences.

REFERENCE 1
 Otte,A.P. and Kruckeberg,A.L.
 Dna sequences comprising gene transcription regulatory qualities
 and methods for detecting and using such dna sequences
 TITLE Patent: WO 03004704-A 167 16-JAN-2003;
 JOURNAL Chromagenics B.V. (NL)

FEATURES
 source
 1..20
 /organism="synthetic construct"
 /mol_type="unassigned DNA"
 /db_xref="taxon:32630"
 /note="oligonucleotide E21"

Query Match 3.8%; Score 15.2; DB 1; Length 20;
 Best Local Similarity 85.0%; Pred. No. 74;
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 606 AGAGTACTGACTCTGCTGG 625
 DB 20 AGAGTCTCGAGTCTGCTGG 1

RESULT 22
 BD089860
 LOCUS BD089860 20 bp DNA linear PAT 27-AUG-2002
 DEFINITION A method of arraying genome clone.
 ACCESSION BD089860
 VERSION BD089860.1 GI:22635470
 KEYWORDS JP 2001321190-A/2104.
 SOURCE synthetic construct
 ORGANISM artificial sequences.
 REFERENCE 1 (bases 1 to 20)
 Soeda,E.
 TITLE A method of arraying genome clone
 JOURNAL THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA

COMMENT
 OS Artificial Sequence
 PN JP 2001321190-A/2104
 PD 20-NOV-2001
 PF 12-MAR-2001 JP 2001068285
 PI EIICHI SOEDA
 PC C12N15/09, C12N15/09, C12M1/00, C12Q1/68, G01N33/53, G01N33/566, PC
 C12N15/00,
 PC C12N15/00
 CC Description of Artificial Sequence:Synthetic DNA FH Key
 CC Location/Qualifiers
 FT source 1..20
 FT Location/Qualifiers
 /organism="Artificial Sequence".

FEATURES
 source
 1..20
 /organism="synthetic construct"
 /mol_type="genomic DNA"
 /db_xref="taxon:32630"

Query Match 3.8%; Score 15.2; DB 1; Length 20;
 Best Local Similarity 85.0%; Pred. No. 74;
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

RESULT 23
 BD165772/c
 LOCUS BD165772 20 bp DNA linear PAT 17-JAN-2003
 DEFINITION Immunoreactive hepatitis C virus polypeptide compositions.
 ACCESSION BD165772
 VERSION BD165772.1 GI:27871584
 KEYWORDS JP 2002167336-A/1.
 SOURCE unidentified
 ORGANISM unidentified

REFERENCE 1 (bases 1 to 20)
 Weiner,A.J. and Houghton,M.
 Immunoreactive hepatitis C virus polypeptide compositions
 TITLE Patent: JP 2002167336-A 1 11-JUN-2002;
 JOURNAL CHIRON CORP

COMMENT
 OS Unidentified
 PN JP 2002167336-A/1
 PD 11-JUN-2002
 PF 11-JUL-2001 JP 2001211447
 PR 13-SEP-1991 US 759575
 PI AMY J WEINER, MICHAEL HOUGHTON
 PC A61K39/29, A61P31/12, C07K14/18, C07K16/10, C12N1/15, C12N1/19, PC
 C12N1/21,
 PC C12N5/10, C12N15/09, C12P21/02, G01N33/576, C12N15/00, C12N5/00 CC
 CC Strandedness: Single;
 CC Topology: Linear;
 CC Immunoreactive hepatitis C virus polypeptide compositions FH
 CC Location/Qualifiers
 FT source 1..20
 FT /organism="Unidentified".

FEATURES
 source
 1..20
 /organism="unidentified"
 /mol_type="genomic DNA"
 /db_xref="taxon:32644"

Query Match 3.8%; Score 15.2; DB 1; Length 20;
 Best Local Similarity 85.0%; Pred. No. 74;
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 548 AGGCTCTCCCGAGCTCC 567
 DB 20 AGGCTCTCCCGAGTGCACC 1

RESULT 24
 AR200639
 LOCUS AR200639 21 bp DNA linear PAT 20-APR-2002
 DEFINITION Sequence 28 from patent US 6358680.
 ACCESSION AR200639
 VERSION AR200639.1 GI:20251527
 KEYWORDS Unknown.
 SOURCE Unknown.
 ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 21)
 Beck, J. Joseph.
 TITLE Detection of wheat and barley fungal pathogens using the polymerase
 chain reaction
 JOURNAL Patent: US 6358680-A 28 19-MAR-2002;
 FEATURES Location/Qualifiers
 source 1..21
 /organism="unknown"
 /mol_type="unassigned DNA"

Query Match 3.8%; Score 15.2; DB 1; Length 21;
 Best Local Similarity 85.0%; Pred. No. 80;

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Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 707 GCGAGTCCCGAGAGTGC 726
    ||||| | ||||| |||
Db 2 GCGAGTCTCGGAGAGAGAC 21

RESULT 25
AX041989/c
LOCUS 21 bp DNA linear PAT 23-NOV-2000
DEFINITION Sequence 19 from Patent WO0065067.
ACCESSION AX041989
VERSION AX041989.1 GI:11340752
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Nelson,P.S., Hood,L. and Lin,B.
TITLE Prostate-specific polynucleotides, polypeptides and their methods
JOURNAL of use
PATENT: WO 0065067-A 19 02-NOV-2000;
The University of Washington (US)
LOCATION/Qualifiers
FEATURES
source 1..21
    /organism="synthetic construct"
    /mol_type="synthetic construct"
    /db_xref="taxon:32630"
    /note="PCR Primer"
misc_binding 1..21
    /bound_molety="ARSDRI PCR primer 6A4N2"

Query Match 3.8%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 80;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 530 CCACATCCTCTGCTCCCTAG 549
    ||||| ||||| |||
Db 20 CCACATCCTCTTACCCAG 1

RESULT 26
BD137914
LOCUS 21 bp DNA linear PAT 18-SEP-2002
DEFINITION Detection of wheat and barley fungal pathogens using the polymerase
chain reaction.
ACCESSION BD137914
VERSION BD137914.1 GI:23232859
KEYWORDS JP 2002504347-A/28.
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1 (bases 1 to 21)
AUTHORS Beck,J.J.
TITLE Detection of wheat and barley fungal pathogens using the polymerase
chain reaction
JOURNAL Patent: JP 2002504347-A 28 12-FEB-2002;
NOVARTIS AG
OS Artificial Sequence
PN JP 2002504347-A/28
PD 12-FEB-2002
PF 18-FEB-1999 JP 2000532549
PR 20-FEB-1998 US 09/026601
PI JAMES JOSEPH BECK
PC C12N15/09,C12N1/58,C12N15/00
CC Description of Artificial
Location/Qualifiers
FT source 1..21
    /organism='Artificial Sequence'.
    /location/Qualifiers
FT 1..21
    /organism="synthetic construct"
    /mol_type="genomic DNA"

/db_xref="taxon:32630"

Query Match 3.8%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 80;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 707 GCGAGTCCCGAGAGTGC 726
    ||||| | ||||| |||
Db 2 GCGAGTCTCGGAGAGAGAC 21

RESULT 27
AR041217/c
LOCUS 18 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 7 from patent US 5811300.
ACCESSION AR041217
VERSION AR041217.1 GI:5961713
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Sullivan,S., Draper,K., Kisich,K., Stinchcomb,D.T. and McSwiggen,J.
TITLE TNF-.alpha. ribozymes
PATENT: US 5811300-A 7 22-SEP-1998;
JOURNAL Location/Qualifiers
FEATURES
source 1..18
    /organism="unknown"
    /mol_type="unassigned DNA"

Query Match 3.7%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 73;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 840 TCTCTGAAGACAGCGTCC 857
    ||||| ||||| |||
Db 18 TGTCTGAAGACAGCTTCC 1

RESULT 28
AR041219/c
LOCUS 18 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 9 from patent US 5811300.
ACCESSION AR041219
VERSION AR041219.1 GI:5961715
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Sullivan,S., Draper,K., Kisich,K., Stinchcomb,D.T. and McSwiggen,J.
TITLE TNF-.alpha. ribozymes
JOURNAL Patent: US 5811300-A 9 22-SEP-1998;
FEATURES
source 1..18
    /organism="unknown"
    /mol_type="unassigned DNA"

Query Match 3.7%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 73;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 840 TCTCTGAAGACAGCGTCC 857
    ||||| ||||| |||
Db 18 TGTCTGAAGACAGCTTCC 1

RESULT 29
AR042362/c
LOCUS 18 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 1152 from patent US 5811300.
ACCESSION AR042362
VERSION AR042362.1 GI:5962858
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KEYWORDS Unknown.
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)
AUTHORS Sullivan, S., Draper, K., Kisich, K., Stinchcomb, D.T. and McSwiggen, J.
TITLE TNF- α ribozymes
JOURNAL Patent: US 5811300-A 1152 22-SEP-1998;
LOCATION/Qualifiers
FEATURES 1..18
source /organism="unknown"
/mol_type="unassigned DNA"

Query Match 3.7%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 73;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 840 TCTCTGAAGACAGCGTCC 857
| | | | | | | | | | | | | | | | | |
Db 18 TGTCTGAAGACAGCTTCC 1

RESULT 30
AR059170/c
LOCUS AR059170 18 bp DNA PAT 29-SEP-1999
DEFINITION Sequence 25 from patent US 5837855.
ACCESSION AR059170
VERSION AR059170.1 GI:5984747
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)
AUTHORS Chowrira, B. and McSwiggen, J.
TITLE Hairpin ribozymes
JOURNAL Patent: US 5837855-A 25 17-NOV-1998;
LOCATION/Qualifiers
FEATURES 1..18
source /organism="unknown"
/mol_type="unassigned DNA"

Query Match 3.7%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 73;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 840 TCTCTGAAGACAGCGTCC 857
| | | | | | | | | | | | | | | | | |
Db 18 TGTCTGAAGACAGCTTCC 1

RESULT 31
AR059172/c
LOCUS AR059172 18 bp DNA PAT 29-SEP-1999
DEFINITION Sequence 27 from patent US 5837855.
ACCESSION AR059172
VERSION AR059172.1 GI:5984749
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)
AUTHORS Chowrira, B. and McSwiggen, J.
TITLE Hairpin ribozymes
JOURNAL Patent: US 5837855-A 27 17-NOV-1998;
LOCATION/Qualifiers
FEATURES 1..18
source /organism="unknown"
/mol_type="unassigned DNA"

Query Match 3.7%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 73;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 840 TCTCTGAAGACAGCGTCC 857
| | | | | | | | | | | | | | | | | |
Db 18 TGTCTGAAGACAGCTTCC 1

KEYWORDS Unknown.
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)
AUTHORS Sullivan, S., Draper, K., Kisich, K., Stinchcomb, D.T. and McSwiggen, J.
TITLE TNF- α ribozymes
JOURNAL Patent: US 5811300-A 1152 22-SEP-1998;
LOCATION/Qualifiers
FEATURES 1..18
source /organism="unknown"
/mol_type="unassigned DNA"

Query Match 3.7%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 73;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 840 TCTCTGAAGACAGCGTCC 857
| | | | | | | | | | | | | | | | | |
Db 18 TGTCTGAAGACAGCTTCC 1

QY 840 TCTCTGAAGACAGCGTCC 857
| | | | | | | | | | | | | | | | | |
Db 18 TGTCTGAAGACAGCTTCC 1

RESULT 32
I71535
LOCUS I71535 18 bp DNA PAT 03-APR-1998
DEFINITION Sequence 3 from patent US 5681943.
ACCESSION I71535
VERSION I71535.1 GI:3007670
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 18)
AUTHORS Letsinger, R., Lewis, and Gryaznov, S.M.
TITLE Method for covalently linking adjacent oligonucleotides
JOURNAL Patent: US 5681943-A 3 28-OCT-1997;
LOCATION/Qualifiers
FEATURES 1..18
source /organism="unknown"
/mol_type="unassigned DNA"

Query Match 3.7%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 73;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 527 TTCCCAACATCTCTGCT 544
| | | | | | | | | | | | | | | | | |
Db 1 TTCCCAACACCATCTGCT 18

RESULT 33
AX637816/c
LOCUS AX637816 18 bp RNA PAT 21-FEB-2003
DEFINITION Sequence 4955 from Patent EP1260586.
ACCESSION AX637816
VERSION AX637816.1 GI:28473430
KEYWORDS
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 unclassified.
AUTHORS Stinchcomb, D.T., Dudycz, L.W., Chowrira, B., Grimm, S., Drenzo, A., Karpeisky, A., Draper, K.G., Kisich, K., Matulic-Adamic, J., McSwiggen, J.A., Modak, A., Pavco, P., Beigelman, L., Sullivan, S.M., Sweedler, D., Thompson, J.D., Tracz, D., Usman, N., Wincott, F.E. and Woolf, T.
TITLE Method and reagent for inhibiting the expression of disease related genes
JOURNAL Patent: EP 1260586-A 4955 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
LOCATION/Qualifiers
FEATURES 1..18
source /organism="unidentified"
/mol_type="unassigned RNA"
/db_xref="taxon:32644"

Query Match 3.7%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 73;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 840 TCTCTGAAGACAGCGTCC 857
| | | | | | | | | | | | | | | | | |
Db 18 TGTCTGAAGACAGCTTCC 1

RESULT 34
AX131358
LOCUS AX131358 19 bp DNA PAT 15-MAY-2001
DEFINITION Sequence 2576 from Patent WO0130362.
ACCESSION AX131358

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VERSION      AX131358.1  GI:14137663
KEYWORDS
SOURCE       Homo sapiens (human)
ORGANISM     Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
             Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE    1 Robbins,J.M. and Tritz,R.
AUTHORS      Ribozyme therapy for the treatment of proliferative skin and eye
TITLE        diseases
JOURNAL      Patent: WO 0130362-A 2576 03-MAY-2001;
FEATURES     IMMUSOL, INC. (US)
             Location/Qualifiers
             1..19
             /organism="Homo sapiens"
             /mol_type="unassigned DNA"
             /db_xref="taxon:9606"
             /note="Cyclin G1 ribozyme binding site"

Query Match      3.7%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 80;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 537 CCTCTGCTCCTAGGCTC 554
Db 2 CCTCTCCTCGTAGGCTC 19

RESULT 35
A81014
LOCUS      A81014          20 bp          DNA          linear          PAT 21-JAN-2000
DEFINITION Sequence 66 from Patent EP0918091.
ACCESSION  A81014
VERSION     A81014.1  GI:6731587
KEYWORDS   Homo sapiens (human)
SOURCE     Homo sapiens
ORGANISM   Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
             Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE  1 (bases 1 to 20)
AUTHORS    Kahn,A. and Chelly,J.
TITLE      A gene called XLIS and the XLIS gene product, called doublecortin
             and their applications
JOURNAL    Patent: EP 0918091-A 66 26-MAY-1999;
             INST NAT SANTE RECH MED (FR)
FEATURES   Location/Qualifiers
             1..20
             /organism="Homo sapiens"
             /mol_type="unassigned DNA"
             /db_xref="taxon:9606"

Query Match      3.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 86;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 825 CTGTGCTCTTCTTCTCT 842
Db 3 CTGTGCTCTTCTTCTCT 20

RESULT 36
A95393
LOCUS      A95393          20 bp          DNA          linear          PAT 26-JAN-2000
DEFINITION Sequence 66 from Patent WO9927089.
ACCESSION  A95393
VERSION     A95393.1  GI:6779437
KEYWORDS   Homo sapiens (human)
SOURCE     Homo sapiens
ORGANISM   Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
             Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE  1 (bases 1 to 20)
AUTHORS    Francis,F. and Kahn,A.

TITLE      A GENE CALLED XLIS AND THE XLIS GENE PRODUCT, CALLED DOUBLECORTIN
             AND THEIR PREPARATIONS
JOURNAL    Patent: WO 9927089-A 66 03-JUN-1999;
             INST NAT SANTE RECH MED (FR); FRANCIS FIONA (FR)
FEATURES   Location/Qualifiers
             1..20
             /organism="Homo sapiens"
             /mol_type="unassigned DNA"
             /db_xref="taxon:9606"

Query Match      3.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 86;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 825 CTGTGCTCTTCTTCTCT 842
Db 3 CTGTGCTCTTCTTCTCT 20

RESULT 37
AX201535
LOCUS      AX201535          20 bp          DNA          linear          PAT 30-AUG-2001
DEFINITION Sequence 214 from Patent WO0153486.
ACCESSION  AX201535
VERSION     AX201535.1  GI:15391372
KEYWORDS   synthetic construct
SOURCE     synthetic construct
ORGANISM   synthetic construct
             artificial sequences.
REFERENCE  1 Ashkenazi,A.J., Goddard,A., Godowski,P.J., Gurney,A.L.,
             Hillan,K.J., Marsters,S.A., Pan,J., Pitti,R.M., Roy,M.A., Smith,V.,
             Stone,D.M., Watanabe,C.K. and Wood,W.I.
             Compositions and methods for the treatment of tumour
             Patent: WO 0153486-A 214 26-JUL-2001;
             Genentech, Inc. (US)
FEATURES   Location/Qualifiers
             1..20
             /organism="synthetic construct"
             /mol_type="unassigned DNA"
             /db_xref="taxon:32630"
             /note="Synthetic Oligonucleotide Probe."

Query Match      3.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 86;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 760 CCTAGGCTCCACTTCTG 777
Db 1 CCTTGGCTCCACTTCTG 18

RESULT 38
AX497990
LOCUS      AX497990          20 bp          DNA          linear          PAT 26-SEP-2002
DEFINITION Sequence 23 from Patent WO02057302.
ACCESSION  AX497990
VERSION     AX497990.1  GI:23343027
KEYWORDS   synthetic construct
SOURCE     synthetic construct
             artificial sequences.
REFERENCE  1 de Jong,J.C., Fouchier,R.A., van den Hoogen,B.G., Osterhaus,A.D.
             and Groen,J.
             A virus causing respiratory tract illness in susceptible mammals
             Patent: WO 02057302-A 23 25-JUL-2002;
             Viroclinics B.V. (NL)
FEATURES   Location/Qualifiers
             1..20
             /organism="synthetic construct"
             /mol_type="unassigned DNA"
             /db_xref="taxon:32630"

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Query Match          3.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 86;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 653 ACCTCAGTCTTCTCGAA 670
Db 2 ACCCCAGTCTTCTTGA 19

/notes="primer L7"

RESULT 39
BD089550/c
LOCUS BD089550 20 bp DNA linear PAT 27-AUG-2002
DEFINITION A method of arraying genome clone.
ACCESSION BD089550
VERSION BD089550.1 GI:22635160
KEYWORDS JP 2001321190-A/1794.
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 20)
AUTHORS Soeda,E.
TITLE A method of arraying genome clone
JOURNAL Patent: JP 2001321190-A 1794 20-NOV-2001;
        THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
        GENOTECHS
COMMENT OS Artificial Sequence
        PN JP 2001321190-A/1794
        PD 20-NOV-2001
        PF 12-MAR-2001 JP 2001068285
        PI EIICHI SOEDA
        PC C12N15/09, C12N15/09, C12M1/00, C12Q1/68, G01N33/53, G01N33/566, PC
        CC Description of Artificial Sequence:Synthetic DNA FH Key
        FT Location/Qualifiers
        FT source 1. 20
        FT Location/Qualifiers
        /organism="Artificial Sequence".
        /mol_type="synthetic construct"
        /db_xref="taxon:32630"

Query Match          3.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 86;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 778 AGGCAGCCCTCTCTGATG 795
Db 19 AGGCAGCCCTCTCTGATG 2

/notes="reverse primer for human STS sts-stSG3454 at 1p36
sts-stSG3454 obtained from clones B6211, B93J5, B68F1,
B88E8, B311M18, B109A8, B153L4, B319H19, Human BAC library
RPCI-11"

RESULT 40
AB068887/c
LOCUS AB068887 20 bp DNA linear SYN 21-MAY-2003
DEFINITION Synthetic construct DNA, reverse primer for human STS sts-stSG3454
at 1p36.
ACCESSION AB068887
VERSION AB068887.1 GI:15129691
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Chen,Y.Z., Hayashi,Y., Wu,J.G., Takaoka,E., Maekawa,K.,
        Watanabe,N., Inazawa,J., Hosoda,F., Arai,Y., Mizushima,H.,
        Morohashi,A., Ohira,M., Nakagawara,A., Liu,S., Hoshi,M., Horii,A.
        and Soeda,E.
TITLE A BAC-based STS-content map spanning a 35-Mb region of human
        chromosome 1p35-p36
JOURNAL Genomics 74 (1), 55-70 (2001)

MEDLINE 21269192
PUBMED 11374902
REFERENCE 2 (bases 1 to 20)
AUTHORS Horii,A.
TITLE Direct Submission
JOURNAL Submitted (04-AUG-2001) Akira Horii, Tohoku University School of
        Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, Sendai,
        Miyagi 980-8575, Japan (E-mail:horii@mail.cc.tohoku.ac.jp,
        Tel:81-22-717-8042, Fax:81-22-717-8047)
FEATURES
        source
        Location/Qualifiers
        1. 20
        /organism="synthetic construct"
        /mol_type="genomic DNA"
        /db_xref="taxon:32630"
        misc_feature
        1. 20
        /note="reverse primer for human STS sts-stSG3454 at 1p36
        sts-stSG3454 obtained from clones B6211, B93J5, B68F1,
        B88E8, B311M18, B109A8, B153L4, B319H19, Human BAC library
        RPCI-11"

Query Match          3.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 86;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 778 AGGCAGCCCTCTCTGATG 795
Db 19 AGGCAGCCCTCTCTGATG 2

RESULT 41
AR292607
LOCUS AR292607 21 bp DNA linear PAT 12-JUN-2003
DEFINITION Sequence 4342 from patent US 6537751.
ACCESSION AR292607
VERSION AR292607.1 GI:31679891
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 21)
AUTHORS Cohen,D., Chumakov,I. and Blumenfeld,M.
TITLE Biallelic markers for use in constructing a high density
        disequilibrium map of the human genome
JOURNAL Patent: US 6537751-A 4342 25-MAR-2003;
FEATURES
        source
        Location/Qualifiers
        1. 21
        /organism="unknown"
        /mol_type="genomic DNA"

Query Match          3.7%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 93;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 513 ACAGTACCAATACTTTCC 530
Db 4 ACACCACCAATACTTTCC 21

RESULT 42
AX531606
LOCUS AX531606 17 bp DNA linear PAT 22-NOV-2002
DEFINITION Sequence 1115 from Patent EP1239051.
ACCESSION AX531606
VERSION AX531606.1 GI:25255002
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Eukaryota: Metazoa; Chordata; Vertebrata; Euteleostomi;
        Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
        Shannon,M.
        Human posh-like protein 1
        Patent: EP 1239051-A 1115 11-SEP-2002;

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FEATURES
  source
    Aecomica, Inc. (US)
    1..17
    /organism="Homo sapiens"
    /mol_type="unassigned DNA"
    /db_xref="taxon:9606"

  Query Match
    Best Local Similarity 3.6%; Score 14.4; DB 1; Length 17;
    Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

  QY 744 GTAGGTCCTCCAGGTC 759
  Db 2 GTAGGGCCCGAGGTC 17

RESULT 43
AX531608
LOCUS
  DEFINITION
    Sequence 1117 from Patent EPI239051.
  ACCESSION
    AX531608
  VERSION
    AX531608.1 GI:25255006
  KEYWORDS
    Homo sapiens (human)
  ORGANISM
    Homo sapiens
    Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
    Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
  REFERENCE
    AUTHORS
      Shannon,M.
    TITLE
      Human pox-like protein 1
    JOURNAL
      Patent: EP 1239051-A 1117 11-SEP-2002;
      Aecomica, Inc. (US)
  FEATURES
    source
      1..17
      /organism="Homo sapiens"
      /mol_type="unassigned DNA"
      /db_xref="taxon:9606"

  Query Match
    Best Local Similarity 3.6%; Score 14.4; DB 1; Length 17;
    Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

  QY 745 TAGGGTCCTCCAGGTC 760
  Db 1 TAGGGCCCGAGGTC 16

RESULT 44
AR150370/c
LOCUS
  DEFINITION
    Sequence 446 from patent US 6228642.
  ACCESSION
    AR150370
  VERSION
    AR150370.1 GI:15114961
  KEYWORDS
    Unknown.
  SOURCE
    Unclassified.
  ORGANISM
    1 (bases 1 to 20)
  REFERENCE
    AUTHORS
      Baker,B.F., Bennett,C.Frank., Butler,M.M. and Shanahan,W.R. Jr.
    TITLE
      Antisense oligonucleotide modulation of tumor necrosis
      factor-(.alpha.) (TNF- alpha) expression
    JOURNAL
      Patent: US 6228642-A 446 08-MAY-2001;
  FEATURES
    source
      1..20
      /organism="unknown"
      /mol_type="unassigned DNA"

  Query Match
    Best Local Similarity 3.6%; Score 14.4; DB 1; Length 20;
    Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

  QY 564 CTCCTCCAGACCAAG 579
  Db 1 CTCCTCCAGACCAAG 579

RESULT 45
BD228243/c
LOCUS
  DEFINITION
    Antisense oligonucleotide regulation of expression of tumor
    necrosis factor-alpha (TNF-alpha).
  ACCESSION
    BD228243
  VERSION
    BD228243.1 GI:33038013
  KEYWORDS
    JP 2002526125-A/446.
  SOURCE
    synthetic construct
  ORGANISM
    artificial sequences.
  REFERENCE
    1 (bases 1 to 20)
  AUTHORS
    Baker,B.F., Bennett,F.C., Butler,M.M. and Jr.W.J.S.
  TITLE
    Antisense oligonucleotide regulation of expression of tumor
    necrosis factor-alpha (TNF-alpha)
  JOURNAL
    Patent: JP 2002526125-A 446 20-AUG-2002;
    ISIS PHARMACEUTICALS INC
  COMMENT
    OS Artificial Sequence
    PN JP 2002526125-A/446
    PD 20-AUG-2002
    PF 05-OCT-1999 JP 2000574737
    PR 05-OCT-1998 US 09/166186,18-MAY-1999 US 09/313932 PI
    BRENDA F BAKER,FRANK C BENNETT,MADELINE M BUTLER,WILLIAM J PI
    SHANAHAN JR
    PC C12N15/09,A61K31/7115,A61K31/712,A61K31/7125,A61K48/00,A61P1/
    00,A61P1/16,
    PC A61P1/18,A61P3/10,A61P17/00,A61P17/04,A61P29/00,A61P31/00, PC
    C07H21/02,
    PC C07H21/04,C12N15/00
    CC Synthetic
    FH Key
    FT source
      1..20
      Location/Qualifiers
      /organism='Artificial Sequence'.

  Query Match
    Best Local Similarity 3.6%; Score 14.4; DB 1; Length 20;
    Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

  QY 564 CTCCTCCAGACCAAG 579
  Db 1 CTCCTCCAGACCAAG 4

RESULT 46
AR363534/c
LOCUS
  DEFINITION
    Sequence 2 from patent US 5219727.
  ACCESSION
    AR363534
  VERSION
    AR363534.1 GI:34425354
  KEYWORDS
    Unknown.
  SOURCE
    Unknown.
  ORGANISM
    Unclassified.
  REFERENCE
    1 (bases 1 to 20)
  AUTHORS
    Wang,A.M., Doyle,M.V. and Mark,D.F.
  TITLE
    Quantitation of nucleic acids using the polymerase chain reaction
    Patent: US 5219727-A 2 15-JUN-1993;
  JOURNAL
    Patent: US 5219727-A 2 15-JUN-1993;
  FEATURES
    source
      1..20
      Location/Qualifiers
      /organism="unknown"
      /mol_type="genomic DNA"

  Query Match
    Best Local Similarity 3.6%; Score 14.4; DB 1; Length 20;
    Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

  QY 564 CTCCTCCAGACCAAG 579
  Db 1 CTCCTCCAGACCAAG 579

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Qy 564 CTCCTCCAGACCAAG 579
    |||||
Db 17 CTCCTACAGACCAAG 2

RESULT 47
BD091579/c
LOCUS
DEFINITION
  Adult bone marrow-origin cell capable of differentiating into
  myocardial cell.
ACCESSION
  BD091579
VERSION
  WO 0148149-A/42
SOURCE
  synthetic construct
  artificial sequences.
ORGANISM
  1 (bases 1 to 20)
REFERENCE
  Umezawa,A., Hata,J., Fukuda,K., Satoshi, Ogawa and Sakurada,K.
  Adult bone marrow-origin cell capable of differentiating into
  myocardial cell
  Patent: WO 0148149-A 42 05-JUL-2001;
JOURNAL
  KYOWA HAKKO KOGYO CO LTD,AKIHIRO UMEZAWA,JUNICHI HATA, KEIICHI
  FUKUDA, SATOSHI OGAWA,KAZUHIRO SAKURADA
  OS Artificial Sequence
  PN WO 0148149-A/42
  PD 05-JUL-2001
  PF 28-FEB-2000 WO 2000JP001148
  PR 28-DEC-1999 JP 99P 372826
  PI AKIHIRO UMEZAWA,JUNICHI HATA,KEIICHI FUKUDA,SATOSHI PI
  OGAWA,KAZUHIRO SAKURADA
  PC C12N5/06,C12N5/00,A61K35/28,A61P41/00,A61K48/00,C07K16/18 CC
  Description of Artificial Sequence: artificially synthesized CC
  primer
  CC sequence
  FH Key Location/Qualifiers
  FT source
  FEATURES
    source
    Location/Qualifiers
      1..20
      /organism="synthetic construct"
      /mol_type="genomic DNA"
      /db_xref="taxon:32630"
    Query Match
      Best Local Similarity 3.6%; Score 14.4; DB 1; Length 20;
      Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
    QY 597 CTCACACACAGATAC 612
    Db 19 CTCACACACAGATAC 4

RESULT 49
BD096317/c
LOCUS
DEFINITION
  Cells capable of differentiating into myocardial cells.
ACCESSION
  BD096317
VERSION
  WO 0148151-A/42
KEYWORDS
  synthetic construct
  artificial sequences.
SOURCE
  1 (bases 1 to 20)
ORGANISM
  Umezawa,A., Hata,J., Fukuda,K., Ogawa,S., Sakurada,K., Gojo,S. and
  Yamada,Y.
  TITLE
  Cells capable of differentiating into myocardial cells
  JOURNAL
  Patent: WO 0148151-A 42 05-JUL-2001;
  KYOWA HAKKO KOGYO CO LTD
  OS Artificial Sequence
  PN WO 0148151-A/42
  PD 05-JUL-2001
  PF 27-DEC-2000 WO 2000JP009323
  PR 28-DEC-1999 JP 99P 372826,28-FEB-2000 WO PCTJP0001148 PR
  PI AKIHIRO UMEZAWA,JUNICHI HATA,KEIICHI FUKUDA,SATOSHI OGAWA, PI
  KAZUHIRO SAKURADA,SATOSHI GOJO,YOJI YAMADA
  PC C12N5/06,C12N5/08,C12P21/08,C12Q1/02,A61K35/28,A61K35/44,A61P9/ PC
  06,
  A61P9/04/A61K38/18,C12N15/12
  CC Description of Artificial Sequence: artificially synthesized
  CC primer
  CC sequence
  FH Key Location/Qualifiers
  FT source
  FEATURES
    source
    Location/Qualifiers
      1..20
      /organism="synthetic construct"
      /mol_type="genomic DNA"
      /db_xref="taxon:32630"
    Query Match
      Best Local Similarity 3.6%; Score 14.4; DB 1; Length 20;
      Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
    QY 597 CTCACACACAGATAC 612
    Db 19 CTCACACACAGATAC 4

RESULT 48
BD094775/c
LOCUS
DEFINITION
  The cell having the potentiality of differentiation into
  cardiomyocytes.
ACCESSION
  BD094775
VERSION
  WO 0148150-A/42
KEYWORDS
  synthetic construct
  artificial sequences.
SOURCE
  1 (bases 1 to 20)
REFERENCE
  Umezawa,A., Hata,J., Fukuda,K., Ogawa,S., Sakurada,K., Gojo,S. and
  Yamada,Y.
  TITLE
  The cell having the potentiality of differentiation into
  JOURNAL
  Patent: WO 0148150-A 42 05-JUL-2001;
  KYOWA HAKKO KOGYO CO LTD,AKIHIRO UMEZAWA,JUNICHI HATA, KEIICHI
  FUKUDA, SATOSHI OGAWA,KAZUHIRO SAKURADA,SATOSHI GOJO,YOJI YAMADA
  OS Artificial Sequence
  PN WO 0148150-A/42
  PD 05-JUL-2001
  PF 02-NOV-2000 WO 2000JP007741

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QY 597 CTACACACAGGTAC 612
 Db 19 CTACACACAGATTAC 4

RESULT 50
 A98276/c
 LOCUS A98276 19 bp DNA linear PAT 26-JAN-2000
 DEFINITION Sequence 29 from Patent WO9913104.
 ACCESSION A98276
 VERSION A98276.1 GI:6781390
 KEYWORDS
 SOURCE unidentified
 ORGANISM unidentified
 unclassified.
 REFERENCE 1 (bases 1 to 19)
 AUTHORS Adamson, P. and Lightman, S.
 TITLE DIAGNOSIS OF OCULAR PATHOGENS
 JOURNAL Patent: WO 9913104-A 29 18-MAR-1999;
 INST OF OPHTHALMOLOGY (GB); ADAMSON PETER (GB)

FEATURES
 source
 1. .19
 /organism="unidentified"
 /mol_type="unassigned DNA"
 /db_xref="taxon:32644"

Query Match 3.6%; Score 14.2; DB 1; Length 19;
 Best Local Similarity 84.2%; Pred. No. 1e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 549 GGCCTCCCCAGCGAGCTCC 567
 Db 19 GGCCTCCCCGGGAGCTCC 1

RESULT 51
 BD075016/c
 LOCUS BD075016 19 bp DNA linear PAT 27-AUG-2002
 DEFINITION Diagnosis of eye pathogen.
 ACCESSION BD075016
 VERSION BD075016.1 GI:22620619
 KEYWORDS JP 2001515732-A/29
 SOURCE synthetic construct
 ORGANISM artificial sequences.
 REFERENCE 1 (bases 1 to 19)
 AUTHORS Okrabi, N., Wrightman, S. and Adamson, P.
 TITLE Diagnosis of eye pathogen
 JOURNAL Patent: JP 2001515732-A 29 25-SEP-2001;
 THE INSTITUTE OF OPHTHALMOLOGY

COMMENT
 OS Artificial Sequence
 PN JP 2001515732-A/29
 PD 25-SEP-2001
 PF 08-SEP-1998 JP 2000510889
 PR 08-SEP-1997 GB 9719044.1
 PI NARCIS OKRABI, SUZAN WRIGHTMAN, PETER ADAMSON
 PC CL2N15/09, CL2Q1/68, GO1N33/50, CL2N15/00
 CC Primers used to amplify a highly conserved gene sequence in
 CC bacterial and Acanthamoeba pathogens in PCR reaction. PH Key
 CC fungal, Location/Qualifiers
 FT source 1. .19
 /organism="Artificial Sequence".
 /location/Qualifiers
 1. .19
 /organism="synthetic construct"
 /mol_type="genomic DNA"
 /db_xref="taxon:32630"

Query Match 3.6%; Score 14.2; DB 1; Length 19;
 Best Local Similarity 84.2%; Pred. No. 1e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 549 GGCCTCCCCAGCGAGCTCC 567
 Db 19 GGCCTCCCCGGGAGCTCC 1

RESULT 52
 BD088942
 LOCUS BD088942 19 bp DNA linear PAT 27-AUG-2002
 DEFINITION A method of arraying genome clone.
 ACCESSION BD088942
 VERSION BD088942.1 GI:22634552
 KEYWORDS JP 2001321190-A/1186.
 SOURCE synthetic construct
 ORGANISM artificial sequences.
 REFERENCE 1 (bases 1 to 19)
 AUTHORS Soeda, E.
 TITLE A method of arraying genome clone
 JOURNAL Patent: JP 2001321190-A 1186 20-NOV-2001;
 THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA

COMMENT
 OS Artificial Sequence
 PN JP 2001321190-A/1186
 PD 20-NOV-2001
 PF 12-MAR-2001 JP 2001068285
 PI EIICHI SOEDA
 PC CL2N15/09, CL2N15/09, CL2N15/09, CL2Q1/68, GO1N33/53, GO1N33/566, PC
 CL2N15/00,
 CC Description of Artificial Sequence: Synthetic DNA PH Key
 CC Location/Qualifiers
 FT source 1. .19
 /organism="Artificial Sequence".
 /location/Qualifiers
 1. .19
 /organism="synthetic construct"
 /mol_type="genomic DNA"
 /db_xref="taxon:32630"

Query Match 3.6%; Score 14.2; DB 1; Length 19;
 Best Local Similarity 84.2%; Pred. No. 1e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 689 GCCACACTGTACCTCCAG 707
 Db 1 GCCACACAGTACCCACAG 19

RESULT 53
 AR023988
 LOCUS AR023988 20 bp DNA linear PAT 05-DEC-1998
 DEFINITION Sequence 6 from patent US 5795764.
 ACCESSION AR023988
 VERSION AR023988.1 GI:3977282
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.
 REFERENCE 1 (bases 1 to 20)
 AUTHORS Christgau, S., Kofod, L., Venke, L., Andersen, L., Nonboe, S.,
 TITLE Helldt-Hansen, H., Peter, and Dalboe, H.
 JOURNAL Enzyme exhibiting mannase activity
 FEATURES Patent: US 5795764-A 6 18-AUG-1998;
 source Location/Qualifiers
 1. .20
 /organism="unknown"
 /mol_type="unassigned DNA"

Query Match 3.6%; Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2%; Pred. No. 1.1e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 542 GCTCCTAGGCTCCCGAGC 560

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Db      1  GCTCCTCAGCCTCGCCAGC 19

RESULT 54
LOCUS   AR035337/c
DEFINITION Sequence 18 from patent US 5871744.
ACCESSION AR035337
VERSION   AR035337.1 GI:5952005
KEYWORDS
SOURCE   Unknown.
ORGANISM
REFERENCE
AUTHORS Vakharia,V.N. and Mundt,E.
TITLE    Method for generating birnavirus from synthetic RNA transcripts
JOURNAL  Patent: US 5871744-A 18 16-FEB-1999;
FEATURES
source   Location/Qualifiers
          1..20
          /organism="unknown"
          /mol_type="unassigned DNA"

Query Match      3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 602 ACACAGAGTACTGACTCTG 620
Db 19 AGACGGAGTACTGCTCTG 1

RESULT 55
LOCUS   AR167149
DEFINITION Sequence 10 from patent US 6284463.
ACCESSION AR167149
VERSION   AR167149.1 GI:16243629
KEYWORDS
SOURCE   Unknown.
ORGANISM
REFERENCE
AUTHORS Hasebe,M., Goto,M. and Tosu,M.
TITLE    Method for detection of mutations
JOURNAL  Patent: US 6284463-A 10 04-SEP-2001;
FEATURES
source   Location/Qualifiers
          1..20
          /organism="unknown"
          /mol_type="unassigned DNA"

Query Match      3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 530 CCACATCCTCTGCTCCTA 548
Db 1 CCACATCCTCTGCTCCAA 19

RESULT 56
LOCUS   BD242886
DEFINITION Secreted proteins and polynucleotides encoding them.
ACCESSION BD242886
VERSION   BD242886.1 GI:33052656
KEYWORDS JP 2002536973-A/37.
SOURCE   synthetic construct
ORGANISM
REFERENCE
AUTHORS Valenzuela,D., Yuan,O., Hoffman,H., Hall,J. and Rapiejko,P.
TITLE    Secreted proteins and polynucleotides encoding them

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JOURNAL Patent: JP 2002536973-A 37 05-NOV-2002;
COMMENT ALPHAGEN INC
OS Artificial Sequence
PN JP 2002536973-A/37
PD 05-NOV-2002
PF 18-FEB-2000 JP 2000599860
PR 19-FEB-1999 US 60/120680,23-APR-1999 US 09/298733 PR
17-AUG-1999 US 60/149639,23-SEP-1999 US 60/155686 PR
01-OCT-1999 US 60/157247,29-NOV-1999 US 60/167823 PR
29-NOV-1999 US 60/167822,15-FEB-2000 US 60/182711 PI DARIO
VALENZUELA,OLIVE YUAN,HEIDI HOFFMAN,JEFF HALL,PETER PI RAPEJKO
PC C12N15/09,A61K38/00,A61P3/10,A61P5/14,A61P11/00,A61P11/06,PC
A61P19/02,
PC A61P21/04,A61P25/14,A61P27/02,A61P29/00,A61P31/04,A61P31/10,
PC A61P31/12,A61P31/20,A61P31/22,A61P37/00,A61P37/06,C07K14/435,
PC C12N5/10,
PC C12P19/34/(C12P19/34,C12R1:91),C12N15/00,C12N5/00,A61K37/02
CC oligonucleotide
FH Key Location/Qualifiers
FT source 1..20
FT /organism='Artificial Sequence'.
FEATURES
source Location/Qualifiers
          1..20
          /organism="synthetic construct"
          /mol_type="genomic DNA"
          /db_xref="taxon:32630"

Query Match      3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 803 CTCCTCTCCACTCAGGT 821
Db 2 CTCAGCTCCATCTCAGGT 20

RESULT 57
LOCUS   AR220148
DEFINITION Sequence 13 from patent US 6423543.
ACCESSION AR220148
VERSION   AR220148.1 GI:23324591
KEYWORDS
SOURCE   Unknown.
ORGANISM
REFERENCE
AUTHORS Marcotte,P.A. and Cowsart,L.M.
TITLE    Antisense modulation of hepsin expression
JOURNAL  Patent: US 6423543-A 13 23-JUL-2002;
FEATURES
source   Location/Qualifiers
          1..20
          /organism="unknown"
          /mol_type="genomic DNA"

Query Match      3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 674 TGGCGGACCCCGAGGCCA 692
Db 1 TGGCTGACCTCTCTGGCCA 19

RESULT 58
LOCUS   AR360264/c
DEFINITION Sequence 18 from patent US 6596280.
ACCESSION AR360264
VERSION   AR360264.1 GI:33767159
KEYWORDS
SOURCE   Unknown.

```

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ORGANISM
Unknown.
Unclassified.
REFERENCE
1 (bases 1 to 20)
AUTHORS
Vakharia,V.N. and Mundt,E.
TITLE
Method for generating birnavirus from synthetic RNA transcripts
JOURNAL
Patent: US 6596280-A 18 JUL-2003;
FEATURES
source
1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match
3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 602 ACACAGAGTACTGACTCTG 620
Db 19 AGACGGAGTACTGCTCTG 1

RESULT 59
AX000977/c
LOCUS
AX000977
DEFINITION
Sequence 22 from Patent WO9902696.
ACCESSION
AX000977
VERSION
AX000977.1 GI:7241219
KEYWORDS
unidentified
SOURCE
unidentified
ORGANISM
unclassified.
REFERENCE
1 (bases 1 to 20)
AUTHORS
Beseme,F. and Blond,J.
TITLE
ENDOGENETIC RETROVIRAL SEQUENCES, ASSOCIATED WITH AUTOIMMUNE
DISEASES OR WITH PREGNANCY DISORDERS
JOURNAL
Patent: WO 9902696-A 22 JAN-1999;
BIO MERIEUX (FR); BESEME FREDERIC (FR)
FEATURES
source
1..20
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

Query Match
3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 734 ATAGGACTTGGTAGGCTCC 752
Db 19 AAATGACTGGGTAGGCTCC 1

RESULT 60
AX195875
LOCUS
AX195875
DEFINITION
Sequence 2 from Patent WO0151649.
ACCESSION
AX195875
VERSION
AX195875.1 GI:15386136
KEYWORDS
synthetic construct
SOURCE
synthetic construct
ORGANISM
artificial sequences.
REFERENCE
1
AUTHORS
Barletta,R.G. and Harris,N.B.
TITLE
Identification of virulence determinants
JOURNAL
Patent: WO 0151649-A 2 JUL-2001;
The Board of Regents of the University of Nebraska (US)
FEATURES
source
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/notes="Primer"

ORGANISM
Unknown.
Unclassified.
REFERENCE
1 (bases 1 to 20)
AUTHORS
Vakharia,V.N. and Mundt,E.
TITLE
Method for generating birnavirus from synthetic RNA transcripts
JOURNAL
Patent: US 6596280-A 18 JUL-2003;
FEATURES
source
1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match
3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 684 CCAGGGCCACACTGTACCC 702
Db 2 CCAGGTCCACACTGCCCCC 20

RESULT 61
AX752160
LOCUS
AX752160
DEFINITION
Sequence 1 from Patent WO03035105.
ACCESSION
AX752160
VERSION
AX752160.1 GI:32134264
KEYWORDS
synthetic construct
SOURCE
synthetic construct
ORGANISM
artificial sequences.
REFERENCE
1
AUTHORS
Galipeau,J. and Stagg,J.
TITLE
A novel synthetic chimeric fusion transgene with immuno-therapeutic
uses
JOURNAL
Patent: WO 03035105-A 1 MAY-2003;
Centre for Translational Research in Cancer (CA)
FEATURES
source
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/notes="sequencing primer"

Query Match
3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 557 CAGCGAGCTCCTCCAGAC 575
Db 2 CAGCCAGTACTACCAGAC 20

RESULT 62
BD003310/c
LOCUS
BD003310
DEFINITION
A method for generating birnavirus from synthetic RNA transcripts.
ACCESSION
BD003310
VERSION
BD003310.1 GI:18631271
KEYWORDS
unidentified
SOURCE
unidentified
ORGANISM
unclassified.
REFERENCE
1 (bases 1 to 20)
AUTHORS
Vakharia,V.N. and Mundt,E.
TITLE
A method for generating birnavirus from synthetic RNA transcripts
JOURNAL
Patent: JP 2001501082-A 18 JAN-2001;
UNIVERSITY OF MARYLAND BIOTECHNOLOGY INSTITUTE
COMMENT
OS Unidentified
PN JP 2001501082-A/18
PD 30-JAN-2001
PF 31-JUL-1997 JP 1998512643
PR 05-SEP-1996 US 08/708541
PI VIKRAM N VAKHARIA, EGBERT MUNDT
PC C12N15/09,A61K39/12,A61P31/12,C12N1/15,C12N1/19,C12N1/21, PC
C12N5/10,C12N7/00,
CC C12P21/02,C12N15/00,C12N5/00
Strandedness: Single;
CC Topology: Linear;
FH Key
FT source
1..20
Location/Qualifiers
/organism="Unidentified".
FEATURES
source
1..20
Location/Qualifiers
/organism="unidentified"
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/mol_type="genomic DNA"
/db_xref="taxon:32644"

Query Match 3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 602 ACACAGAGTACTGACTCTG 620
DB 19 AGACGAGTACTGCCTCTG 1

RESULT 63
BD128065/c
LOCUS 20 bp DNA linear PAT 18-SEP-2002
DEFINITION Primer for synthesizing full-length cDNA and use thereof.

ACCESSION BD128065
VERSION BD128065.1 GI:23223010
KEYWORDS JP 2002017375-A/3496.
SOURCE unclassified
ORGANISM unclassified.

REFERENCE 1 (bases 1 to 20)
AUTHORS Ota,T., Nishikawa,T., Isogai,T., Hayashi,K., Ishii,S., Kawai,Y.,
Wakamatsu,A., Sugiyama,T., Nagai,K., Kojima,S., Otsuki,T. and
Koga,H.

TITLE Primer for synthesizing full-length cDNA and use thereof
JOURNAL Patent: JP 2002017375-A 3496 22-JAN-2002;

COMMENT HELIX RESEARCH INSTITUTE
OS Unidentified
PN JP 2002017375-A/3496
PD 22-JAN-2002

PF 07-JUL-2000 JP 2000253172
PI TOSHIO OTA, TETSUO NISHIKAWA, TAKAO ISOGAI, KOJI HAYASHI, SHIZUKO
PI ISHII,
PI YURI KAWAI, AI WAKAMATSU, TOMOYASU SUGIYAMA, KEIICHI NAGAI, PI
SHINICHI KOJIMA,
PI TETSUJI OTSUKI, HISASHI KOGA
PC C12N15/09, C07K14/47, C07K16/18, C12N1/15, C12N1/19, C12N1/21, C12N5/ PC

10, C12P21/02, C12Q1/68/ C12P21/08, G06F17/30, C12N15/00, C12N5/00 CC
Description of Artificial Sequence: an artificially CC
synthesized primer
CC sequence
FH Key Location/Qualifiers
FT source 1..20 /organism="Unidentified".

FEATURES
source Location/Qualifiers
1..20 /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

Query Match 3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 825 CTGTGTCCTCTTCTCTC 843
DB 19 CTTTGTCTCATTTCTTCCC 1

RESULT 64
BD143077/c
LOCUS 20 bp DNA linear PAT 17-JAN-2003
DEFINITION Aurora 2 kinase inhibitor.

ACCESSION BD143077
VERSION BD143077.1 GI:27848835
KEYWORDS JP 2002095479-A/7.
SOURCE Homo sapiens (human)

ORGANISM Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 20)

REFERENCE 1 (bases 1 to 20)
AUTHORS Fujino,Y.
TITLE Aurora 2 kinase inhibitor
JOURNAL Patent: JP 2002095479-A 7 02-APR-2002;
MITSUBISHI TOKYO PHARMACEUTICALS INC

COMMENT OS Homo sapiens (human)
PN JP 2002095479-A/7
PD 02-APR-2002
PF 22-SEP-2000 JP 2000287928

PI YASUHIRO FUJINO
PC C12N15/09, A61K31/7088, A61K45/00, A61K48/00, A61P35/00, A61P43/00,
C12N9/99, PC C12N15/00
CC Aurora 2 kinase inhibitor
FH Key Location/Qualifiers
FT source 1..20 /organism="Homo sapiens (human)".

FEATURES
source Location/Qualifiers
1..20 /organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

Query Match 3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 860 GCTCCAGTTGGACACTTT 878
DB 20 GCACCACTTGGACAGTTT 2

RESULT 65
BD196256/c
LOCUS 20 bp DNA linear PAT 17-JUL-2003

DEFINITION BD196256
Enogenous retroviral sequences, associated with autoimmune
diseases and/or with pregnancy disorders.

ACCESSION BD196256
VERSION BD196256.1 GI:33006026
KEYWORDS JP 2002512530-A/22.
SOURCE unclassified
ORGANISM unclassified.

REFERENCE 1 (bases 1 to 20)
AUTHORS Beseme,F., Blond,J.L., Bouton,O., Mandrand,B. and Mallet,F.
TITLE Enogenous retroviral sequences, associated with autoimmune
diseases and/or with pregnancy disorders
JOURNAL Patent: JP 2002512530-A 22 23-APR-2002;
COMMENT BIO MERIEUX
OS Unidentified
PN JP 2002512530-A/22
PD 23-APR-2002
PF 06-JUL-1998 JP 1999508244
PR 07-JUL-1997 FR 97/08815
PI FREDERIC BESEME, JEAN LUC BLOND, OLIVIER BOUTON, BERNARD
MANDRAND,
PI FRANCOIS WALLETT
PC C12N15/48, C07K14/15, C12Q1/68, C07K16/10, G01N33/569 CC
Strandedness: Single;
CC Topology: Linear;
CC Enogenous retroviral sequences, associated with autoimmune
diseases
CC and/or with pregnancy disorders
FH Key Location/Qualifiers
FT source 1..20 /organism="Unidentified".

FEATURES
source Location/Qualifiers
1..20 /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

Query Match 3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 734 ATAGGACTGTGTAGGCTCC 752
Db 19 AAATGACTGGGTAGGCTCC 1

RESULT 66
AX671824
LOCUS AX671824 17 bp DNA linear PAT 27-MAR-2003
DEFINITION Sequence 269 from Patent WO03004526.
ACCESSION AX671824
VERSION AX671824.1 GI:29330172
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
AUTHORS Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.
TITLE Telerman,A., Anson,R. and Tuijinder,M.
Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or resistance to viruses and their use as
medicines
JOURNAL Patent: WO 03004526-A 269 16-JAN-2003;
Molecular Engines Laboratories (FR)
FEATURES Location/Qualifiers
source
1. .17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 3.5%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 92;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 647 TCACAGACCTCAGT 660
Db 3 TCACAGACCTCAGT 16

RESULT 67
AX736202/c
LOCUS AX736202 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 1792 from Patent WO03025177.
ACCESSION AX736202
VERSION AX736202.1 GI:30515479
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE Eukaryota; Chordata; Craniata; Vertebrata; Euteleostomi;
AUTHORS Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.
TITLE Telerman,A., Anson,R. and Tuijinder,M.
Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or resistance to viruses and the use
thereof as medicaments
JOURNAL Patent: WO 03025177-A 1792 27-MAR-2003;
Molecular Engines Laboratories (FR)
FEATURES Location/Qualifiers
source
1. .17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 3.5%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 92;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 595 TTCTACACACAGA 608
Db 16 TTCTACACACAGA 3

RESULT 68
AX737463/c
LOCUS AX737463 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 3053 from Patent WO03025177.
ACCESSION AX737463
VERSION AX737463.1 GI:30516751
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE Eukaryota; Chordata; Craniata; Vertebrata; Euteleostomi;
AUTHORS Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.
TITLE Telerman,A., Anson,R. and Tuijinder,M.
Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or resistance to viruses and the use
thereof as medicaments
JOURNAL Patent: WO 03025177-A 3053 27-MAR-2003;
Molecular Engines Laboratories (FR)
FEATURES Location/Qualifiers
source
1. .17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 3.5%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 92;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 595 TTCTACACACAGA 608
Db 16 TTCTACACACAGA 3

RESULT 69
AX740978
LOCUS AX740978 20 bp DNA linear PAT 10-MAY-2003
DEFINITION Sequence 7 from Patent WO03027292.
ACCESSION AX740978
VERSION AX740978.1 GI:30523768
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Xiao,Y.
TITLE Regulation of human fatty acid-coa ligase-like enzyme
JOURNAL Patent: WO 03027292-A 7 03-APR-2003;
Bayer Aktiengesellschaft (DE)
FEATURES Location/Qualifiers
source
1. .20
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="PCR primer-reverse primer"

Query Match 3.5%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 664 TCTCGAGCTTGGC 677
Db 2 TCTCGAGCTTGGC 15

RESULT 70
AR046780
LOCUS AR046780 17 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 1573 from patent US 5817796.
ACCESSION AR046780
VERSION AR046780.1 GI:5968245
KEYWORDS

```

SOURCE      Unknown.
ORGANISM    Unknown.
REFERENCE   1 (bases 1 to 17)
AUTHORS    Stinchcomb,D.T., Draper,K., McSwiggen,J., and Jarvis,T.
TITLE      C-myp ribozymes having 2'-5'-linked adenylylate residues
JOURNAL    Patent: US 5817796-A 1573 06-OCT-1998;
FEATURES   Location/Qualifiers
            source
            1..17
            /organism="unknown"
            /mol_type="unassigned DNA"

Query Match      3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred.No.99;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 799 AGAGCTCTCTCCCACT 815
Db 1 AAAGCTCTCTCGAAT 17

RESULT 71
LOCUS      AR057432          17 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 1636 from patent US 5837542.
ACCESSION  AR057432
VERSION     AR057432.1 GI:5983009
KEYWORDS   .
SOURCE     Unknown.
ORGANISM   Unknown.
REFERENCE  1 (bases 1 to 17)
AUTHORS    Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and
            Draper,K.G.
TITLE      Intercellular adhesion molecule-1 (ICAM-1) ribozymes
JOURNAL    Patent: US 5837542-A 1636 17-NOV-1998;
FEATURES   Location/Qualifiers
            source
            1..17
            /organism="unknown"
            /mol_type="unassigned DNA"

Query Match      3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred.No.99;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 537 CCTCTGCTCTAGGCCT 553
Db 1 CCTCTGCTCTAGGCCT 17

RESULT 72
LOCUS      AR057439          17 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 1643 from patent US 5837542.
ACCESSION  AR057439
VERSION     AR057439.1 GI:5983016
KEYWORDS   .
SOURCE     Unknown.
ORGANISM   Unknown.
REFERENCE  1 (bases 1 to 17)
AUTHORS    Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and
            Draper,K.G.
TITLE      Intercellular adhesion molecule-1 (ICAM-1) ribozymes
JOURNAL    Patent: US 5837542-A 1643 17-NOV-1998;
FEATURES   Location/Qualifiers
            source
            1..17
            /organism="unknown"
            /mol_type="unassigned DNA"

Query Match      3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred.No.99;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 537 CCTCTGCTCTAGGCCT 553
Db 1 CCTCTGCTCTAGGCCT 17

RESULT 73
LOCUS      AR057596          17 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 1800 from patent US 5837542.
ACCESSION  AR057596
VERSION     AR057596.1 GI:5983173
KEYWORDS   .
SOURCE     Unknown.
ORGANISM   Unknown.
REFERENCE  1 (bases 1 to 17)
AUTHORS    Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and
            Draper,K.G.
TITLE      Intercellular adhesion molecule-1 (ICAM-1) ribozymes
JOURNAL    Patent: US 5837542-A 1800 17-NOV-1998;
FEATURES   Location/Qualifiers
            source
            1..17
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            /mol_type="unassigned DNA"

Query Match      3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred.No.99;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 537 CCTCTGCTCTAGGCCT 553
Db 1 CCTCTGCTCTAGGCCT 17

RESULT 74
LOCUS      AR115190          17 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 1636 from patent US 6132967.
ACCESSION  AR115190
VERSION     AR115190.1 GI:14095512
KEYWORDS   .
SOURCE     Unknown.
ORGANISM   Unknown.
REFERENCE  1 (bases 1 to 17)
AUTHORS    Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and
            Draper,K.G.
TITLE      Ribozyme treatment of diseases or conditions related to levels of
            intercellular adhesion molecule-1 (ICAM-1)
JOURNAL    Patent: US 6132967-A 1636 17-OCT-2000;
FEATURES   Location/Qualifiers
            source
            1..17
            /organism="unknown"
            /mol_type="unassigned DNA"

Query Match      3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred.No.99;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 537 CCTCTGCTCTAGGCCT 553
Db 1 CCTCTGCTCTAGGCCT 17

RESULT 75
LOCUS      AR115197          17 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 1643 from patent US 6132967.
ACCESSION  AR115197
VERSION     AR115197.1 GI:14095519
KEYWORDS   .
SOURCE     Unknown.
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ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and Draper,K.G.
TITLE Ribozyme treatment of diseases or conditions related to levels of intercellular adhesion molecule-1 (ICAM-1)
JOURNAL Patent: US 6132967-A 1643 17-OCT-2000;
FEATURES Location/Qualifiers
source 1..17
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 99;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 537 CCTCTGCTCCTAGGCCT 553
Db 1 CCTCTGCTCCTGGTCCT 17

RESULT 76
AR115354 17 bp DNA linear PAT 16-MAY-2001
LOCUS Sequence 1800 from patent US 6132967.
ACCESSION AR115354
VERSION AR115354.1 GI:14095676
KEYWORDS Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and Draper,K.G.
TITLE Ribozyme treatment of diseases or conditions related to levels of intercellular adhesion molecule-1 (ICAM-1)
JOURNAL Patent: US 6132967-A 1800 17-OCT-2000;
FEATURES Location/Qualifiers
source 1..17
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 99;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 537 CCTCTGCTCCTAGGCCT 553
Db 1 CCTCTGCTCCTGGTCCT 17

RESULT 77
I53832 17 bp DNA linear PAT 07-OCT-1997
LOCUS Sequence 1573 from patent US 5646042.
ACCESSION I53832
VERSION I53832.1 GI:2475035
KEYWORDS Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Stinchcomb,D.T., Draper,K., McSwiggen,J. and Jarvis,T.
TITLE C-myb targeted ribozymes
JOURNAL Patent: US 5646042-A 1573 08-JUL-1997;
FEATURES Location/Qualifiers
source 1..17
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 99;

QY 537 CCTCTGCTCCTAGGCCT 553
Db 1 CCTCTGCTCCTGGTCCT 17

RESULT 78
AR286187 17 bp RNA linear PAT 10-APR-2003
LOCUS Sequence 559 from patent US 6528640.
ACCESSION AR286187
VERSION AR286187.1 GI:29723783
KEYWORDS Unknown.
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Beigelman,L., Burgin,A., Beaudry,A., Karpeisky,A., Matulic-Adamic,J., Sweedler,D. and Zinnen,S.
TITLE Synthetic ribonucleic acids with RNase activity
JOURNAL Patent: US 6528640-A 559 04-MAR-2003;
FEATURES Location/Qualifiers
source 1..17
/organism="unknown"
/mol_type="unassigned RNA"

Query Match 3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 99;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 583 TTTGTTCTGTTTTTCTA 599
Db 1 TTTGTTTGTGTTTTTA 17

RESULT 79
AR398177 17 bp RNA linear PAT 18-DEC-2003
LOCUS Sequence 558 from patent US 6617438.
ACCESSION AR398177
VERSION AR398177.1 GI:40135776
KEYWORDS Unknown.
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Beigelman,L., Burgin,A.B., Beaudry,A., Karpeisky,A., Matulic-Adamic,J., Sweedler,D. and Zinnen,S.
TITLE Oligoribonucleotides with enzymatic activity
JOURNAL Patent: US 6617438-A 558 09-SEP-2003;
FEATURES Location/Qualifiers
source 1..17
/organism="unknown"
/mol_type="unassigned RNA"

Query Match 3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 99;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 583 TTTGTTCTGTTTTTCTA 599
Db 1 TTTGTTTGTGTTTTTA 17

RESULT 80
AR434195/c 17 bp DNA linear PAT 18-DEC-2003
LOCUS Sequence 618 from patent US 6656700.
ACCESSION AR434195
VERSION AR434195.1 GI:40197038
KEYWORDS Unknown.
SOURCE Unknown.
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Query Match	3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity	88.2%; Pred. No. 99;
Matches	15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY	537 CCTCTGCTCCTAGGCCT 553
DB	1 CCTCTGCTCCTAGGCCT 17
RESULT 83	
AX634508	17 bp RNA linear PAT 21-FEB-2003
LOCUS	AX634508
DEFINITION	Sequence 1647 from Patent EP1260586.
ACCESSION	AX634508
VERSION	AX634508.1 GI:28470122
KEYWORDS	
SOURCE	unidentified
ORGANISM	unidentified
REFERENCE	unclassified.
AUTHORS	1 Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Direnzo,A., Karpeisky,A., Draper,K.G., Kisich,K., Matulic-Adamic,J., Mcswiggen,J.A., Modak,A., Favco,P., Beigelman,L., Sullivan,S.M., Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and Wolf,T.
TITLE	Method and reagent for inhibiting the expression of disease related genes
JOURNAL	Patent: EP 1260586-A 1647 27-NOV-2002;
FEATURES	<p> RIBOZYME PHARMACEUTICALS, INC. (US) Location/Qualifiers 1..17 /organism="unidentified" /mol_type="unassigned RNA" /db_xref="taxon:32644" </p>
source	
Query Match	3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity	88.2%; Pred. No. 99;
Matches	15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY	537 CCTCTGCTCCTAGGCCT 553
DB	1 CCTCTGCTCCTAGGCCT 17
RESULT 84	
AX634643	17 bp RNA linear PAT 21-FEB-2003
LOCUS	AX634643
DEFINITION	Sequence 1782 from Patent EP1260586.
ACCESSION	AX634643
VERSION	AX634643.1 GI:28470257
KEYWORDS	
SOURCE	unidentified
ORGANISM	unidentified
REFERENCE	unclassified.
AUTHORS	1 Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Direnzo,A., Karpeisky,A., Draper,K.G., Kisich,K., Matulic-Adamic,J., Mcswiggen,J.A., Modak,A., Favco,P., Beigelman,L., Sullivan,S.M., Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and Wolf,T.
TITLE	Method and reagent for inhibiting the expression of disease related genes
JOURNAL	Patent: EP 1260586-A 1782 27-NOV-2002;
FEATURES	<p> RIBOZYME PHARMACEUTICALS, INC. (US) Location/Qualifiers 1..17 /organism="unidentified" /mol_type="unassigned RNA" /db_xref="taxon:32644" </p>
source	
Query Match	3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity	88.2%; Pred. No. 99;
Matches	15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 537 CCTCTGCTCTCTAGGCTT 553
Db 1 CCTCTGCTCTCTGCTCT 17

RESULT 85
AX3130086/c
LOCUS AX3130086 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 1720 from Patent WO03025175.
ACCESSION AX3130086
VERSION AX3130086.1 GI:30509429
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
AUTHORS Tanahashi, H., Ito, T., Hattori, M., Ohira, M., Ohki, M., Tashiro, K. and Sakaki, Y.
TITLE Sixty new STSs (sequence-tagged sites) of human chromosome 21
JOURNAL DNA Res. 1 (2), 85-89 (1994)
PUBMED 7584032
REFERENCE 2 (bases 1 to 18)
AUTHORS Sakaki, Y.
TITLE Direct Submission
JOURNAL Submitted (28-APR-1995) Yoshiyuki Sakaki, Institute of Medical Science, University of Tokyo, Human Genome Center; 4-6-1 Shirokanedai Minato-ku, Tokyo 108, Japan [E-mail: sakaki@hgc.ims.u-tokyo.ac.jp, Tel: 03-5449-5362, Fax: 03-5449-5445]
COMMENT Submitted (28-Apr-1995) to DDBJ by: Yoshiyuki Sakaki
Human Genome Center
Institute of Medical Science
University of Tokyo
4-6-1 Shirokanedai Minato-ku
Tokyo, 108
Japan
Phone: 03-5449-5362
Fax: 03-5449-5445.
FEATURES
source
1..18
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
Query Match 3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 99;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 550 GCCTCCCCAGCGAGCTC 566
Db 17 GCCTCCCCAGGAGATC 1

RESULT 86
AX3117690
LOCUS AX3117690 18 bp DNA linear PAT 14-DEC-2001
DEFINITION Sequence 693 from Patent WO0190337.
ACCESSION AX3117690
VERSION AX3117690.1 GI:17900591
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1
AUTHORS Allawi, H., Bartholomay, C.T., Chehak, L., Curtis, M.L., Eis, P.S., Hall, J.G., Ip, H.S., Kaiser, M., Kwiatkowski, R.W., Lukowiak, A., Lyamichev, V., Ma, W., Olson-Munoz, M.C., Olson, S.M., Schaefer, J.J., Skrzypczynski, Z., Takova, T.Y., Vedvik, K.L. and Lyamichev, N.E.
TITLE Detection of rna
JOURNAL Patent: WO 0190337-A 693 29-NOV-2001;
THIRD WAVE TECHNOLOGIES, INC. (US)
FEATURES
source
1..18
Location/Qualifiers
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
Query Match 3.5%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 554 CCCACGCGAGCTCTCC 570
Db 2 CCCATCGATCTCTCC 18

RESULT 87
HMO648RA/c
LOCUS HMO648RA 18 bp DNA linear STS 29-MAY-2002
DEFINITION A PCR primer for APP gene locus STS, location 21q21-22.1, sequence tagged site.
ACCESSION D50223
VERSION D50223.1 GI:801812
KEYWORDS STS.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1 (bases 1 to 18)
AUTHORS Tanahashi, H., Ito, T., Hattori, M., Ohira, M., Ohki, M., Tashiro, K. and Sakaki, Y.
TITLE Sixty new STSs (sequence-tagged sites) of human chromosome 21
JOURNAL DNA Res. 1 (2), 85-89 (1994)
PUBMED 7584032
REFERENCE 2 (bases 1 to 18)
AUTHORS Sakaki, Y.
TITLE Direct Submission
JOURNAL Submitted (28-APR-1995) Yoshiyuki Sakaki, Institute of Medical Science, University of Tokyo, Human Genome Center; 4-6-1 Shirokanedai Minato-ku, Tokyo 108, Japan [E-mail: sakaki@hgc.ims.u-tokyo.ac.jp, Tel: 03-5449-5362, Fax: 03-5449-5445]
COMMENT Submitted (28-Apr-1995) to DDBJ by: Yoshiyuki Sakaki
Human Genome Center
Institute of Medical Science
University of Tokyo
4-6-1 Shirokanedai Minato-ku
Tokyo, 108
Japan
Phone: 03-5449-5362
Fax: 03-5449-5445.
FEATURES
source
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Location/Qualifiers
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
/chromosome="21"
Query Match 3.5%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 540 CTGCTCCTAGGCTCC 556
Db 18 CTGCACCTATGCTCC 2

RESULT 88
AX207609
LOCUS AX207609 19 bp DNA linear PAT 31-AUG-2001
DEFINITION Sequence 18 from Patent WO0157205.
ACCESSION AX207609
VERSION AX207609.1 GI:15422315
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1
AUTHORS Shir, A. and Levitzky, A.
TITLE Selective killing of cells by activation of double-stranded rna dependent protein kinase-pkr
JOURNAL Patent: WO 0157205-A 18 09-AUG-2001;
Yissum Research and Development Co., Hebrew University of Jerusalem (IL)
FEATURES
source
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Location/Qualifiers
/organism="synthetic construct"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
primer_bind 1..19
Query Match 3.5%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 1.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 753 CAGGTCCTCCTAGGCTC 769
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Db 1 CAGGTCCTCCTGGCCCC 17

RESULT 89
AR046782 17 bp DNA linear PAT 29-SEP-1999
LOCUS
DEFINITION Sequence 1575 from patent US 5817796.
ACCESSION AR046782
VERSION AR046782.1 GI:5968247
KEYWORDS
ORGANISM Unknown.
REFERENCE
AUTHORS 1 (bases 1 to 17)
TITLE Stinchcomb,D.T., Draper,K., McSwiggen,J. and Jarvis,T.
JOURNAL C-myb ribozymes having 2'-5'-linked adenylate residues
PATENT: US 5817796-A 1575 06-OCT-1998;
FEATURES
source Location/Qualifiers
1..17
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 802 GCTCTCCTCCAACTC 816
| | | | | | | | | | | | | | |
Db 1 GCTCTCCTCGAACTC 15

RESULT 90
AR104193 17 bp DNA linear PAT 14-FEB-2001
LOCUS
DEFINITION Sequence 47 from patent US 6093544.
ACCESSION AR104193
VERSION AR104193.1 GI:12816901
KEYWORDS
ORGANISM Unknown.
REFERENCE
AUTHORS 1 (bases 1 to 17)
TITLE Gonsalves,D. and Meng,B.
JOURNAL Rupestris stem pitting associated virus nucleic acids, proteins,
and their uses
PATENT: US 6093544-A 47 25-JUL-2000;
FEATURES
source Location/Qualifiers
1..17
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 762 TAGGCTCCTCACTTCT 776
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Db 1 TGGGCTCCTCACTTCT 15

RESULT 91
BD241539/c 17 bp DNA linear PAT 17-JUL-2003
LOCUS
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DEFINITION Methods and products related to genotyping and DNA analysis.
ACCESSION BD241539
VERSION BD241539.1 GI:33051309
KEYWORDS Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 17)
Landers,J.B., Jordan,B., Housman,D.E. and Charest,A.
Methods and products related to genotyping and DNA analysis
Patent: JP 2002525127-A 486 13-AUG-2002;
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
OS Homo sapiens (human)
PN JP 2002525127-A/486
PD 13-AUG-2002
PF 24-SEP-1999 JP 2000572407
PR 25-SEP-1998 US 60/101757
PI JOHN E LANDERS, BARBARA JORDAN, DAVID E HOUSMAN, ALAIN CHAREST PC
C12N15/09, C12Q1/68, G01N33/53, G01N33/566, G01N33/58, G01N37/00, PC
G01N37/00,
PC C12N15/00
CC Methods and products related to genotyping and DNA analysis FH
Key Location/Qualifiers
FT source 1..17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

FEATURES
source Location/Qualifiers
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 766 CCTCCACTTCTGAGG 780
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Db 16 CCTCGCTTCTGAGG 2

RESULT 92
I53834 17 bp DNA linear PAT 07-OCT-1997
LOCUS
DEFINITION Sequence 1575 from patent US 5646042.
ACCESSION I53834
VERSION I53834.1 GI:2475037
KEYWORDS
ORGANISM Unknown.
REFERENCE
AUTHORS 1 (bases 1 to 17)
TITLE Stinchcomb,D.T., Draper,K., McSwiggen,J. and Jarvis,T.
JOURNAL C-myb targeted ribozymes
PATENT: US 5646042-A 1575 08-JUL-1997;
FEATURES
source Location/Qualifiers
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/organism="unknown"
/mol_type="unassigned DNA"

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 802 GCTCTCCTCCAACTC 816
| | | | | | | | | | | | | | |
Db 1 GCTCTCCTCGAACTC 15

RESULT 93
AR211417 17 bp DNA linear PAT 20-JUN-2002
LOCUS
DEFINITION Sequence 47 from patent US 6399308.
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Mon Mar 8 14:22:23 2004

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ACCESSION AR211417
VERSION AR211417.1 GI:21514733
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1 (bases 1 to 17)
AUTHORS Gonsalves,D. and Meng,B.
TITLE Rupestris stem pitting associated virus nucleic acids, proteins,
and their uses
JOURNAL Patent: US 6393308-A 47 04-JUN-2002;
FEATURES
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            /organism="unknown"
            /mol_type="unassigned DNA"
Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 762 TAGGCTCCACTTCT 776
Db 1 TGGGCTCCACTTCT 15
RESULT 94
AR371531
LOCUS AR371531 17 bp DNA linear PAT 12-SEP-2003
DEFINITION Sequence 47 from patent US 6395490.
ACCESSION AR371531
VERSION AR371531.1 GI:34608469
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1 (bases 1 to 17)
AUTHORS Gonsalves,D. and Meng,B.
TITLE Detection of Rupestris stem pitting associated virus
JOURNAL Patent: US 6395490-A 47 28-MAY-2002;
FEATURES
    source
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            /organism="unknown"
            /mol_type="genomic DNA"
Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 762 TAGGCTCCACTTCT 776
Db 1 TGGGCTCCACTTCT 15
RESULT 95
AX227690/c
LOCUS AX227690 17 bp RNA linear PAT 10-SEP-2001
DEFINITION Sequence 1062 from Patent WO0157206.
ACCESSION AX227690
VERSION AX227690.1 GI:15556831
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1
AUTHORS Fattaey,A.R., Jarvis,T., McSwiggen,J., Bocher,R.N. and Holman,P.S.
TITLE Method and reagent for the inhibition of checkpoint kinase-1 (chk
1) enzyme
JOURNAL Patent: WO 0157206-A 1062 09-AUG-2001;
FEATURES
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            /mol_type="unassigned RNA"
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/db_xref="taxon:32630"
Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 798 AAGAGCTCTCTCCCA 812
Db 16 AAAGCTCTCTCCCA 2
RESULT 96
AX263396/c
LOCUS AX263396 17 bp DNA linear PAT 26-OCT-2001
DEFINITION Sequence 787 from Patent WO0173002.
ACCESSION AX263396
VERSION AX263396.1 GI:16512195
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1
AUTHORS Kmiec,E.B., Gamper,H.B. and Rice,M.C.
TITLE Targeted chromosomal genomic alterations with modified single
stranded oligonucleotides
JOURNAL Patent: WO 0173002-A 787 04-OCT-2001;
FEATURES
    source
        1..17
            /organism="Homo sapiens"
            /mol_type="unassigned DNA"
            /db_xref="taxon:9606"
Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 582 TTTTGTCTCTGTTTT 596
Db 16 TTTGTTCTCTGTTTT 2
RESULT 97
AX263397
LOCUS AX263397 17 bp DNA linear PAT 26-OCT-2001
DEFINITION Sequence 788 from Patent WO0173002.
ACCESSION AX263397
VERSION AX263397.1 GI:16512196
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1
AUTHORS Kmiec,E.B., Gamper,H.B. and Rice,M.C.
TITLE Targeted chromosomal genomic alterations with modified single
stranded oligonucleotides
JOURNAL Patent: WO 0173002-A 788 04-OCT-2001;
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Best Local Similarity 93.3%; Pred. No. 1.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 582 TTTTGTCTCTGTTTT 596
Db 2 TTTGTTCTCTGTTTT 16
RESULT 98
AX263397
LOCUS AX263397 17 bp DNA linear PAT 26-OCT-2001
DEFINITION Sequence 788 from Patent WO0173002.
ACCESSION AX263397
VERSION AX263397.1 GI:16512196
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1
AUTHORS Kmiec,E.B., Gamper,H.B. and Rice,M.C.
TITLE Targeted chromosomal genomic alterations with modified single
stranded oligonucleotides
JOURNAL Patent: WO 0173002-A 788 04-OCT-2001;
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            /db_xref="taxon:9606"
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Best Local Similarity 93.3%; Pred. No. 1.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 582 TTTTGTCTCTGTTTT 596
Db 2 TTTGTTCTCTGTTTT 16
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RESULT 98
AX531605
LOCUS AX531605 17 bp DNA PAT 22-NOV-2002
DEFINITION Sequence 1114 from Patent EP1239051.
ACCESSION AX531605
VERSION AX531605.1 GI:25255000
KEYWORDS Homo sapiens (human)
SOURCE
ORGANISM Homo sapiens
Eukaryota; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1
Shannon, M.
Human posh-like protein 1
Patent: EP 1239051-A 1114 11-SEP-2002;
Aeomica, Inc. (US)
JOURNAL
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 744 GTAGGGTCCAGGGT 758
Db 3 GTAGGGGCCAGGGT 17
RESULT 99
AX531609
LOCUS AX531609 17 bp DNA PAT 22-NOV-2002
DEFINITION Sequence 1118 from Patent EP1239051.
ACCESSION AX531609
VERSION AX531609.1 GI:25255008
KEYWORDS Homo sapiens (human)
SOURCE
ORGANISM Homo sapiens
Eukaryota; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1
Shannon, M.
Human posh-like protein 1
Patent: EP 1239051-A 1118 11-SEP-2002;
Aeomica, Inc. (US)
JOURNAL
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Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 746 AGGGTCCAGGGTCC 760
Db 1 AGGGGCCAGGGTCC 15
RESULT 100
AX723656
LOCUS AX723656 17 bp DNA PAT 08-MAY-2003
DEFINITION Sequence 1343 from Patent WO03025176.
ACCESSION AX723656
VERSION AX723656.1 GI:30502999
KEYWORDS Mus musculus (house mouse)
SOURCE
ORGANISM Mus musculus

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1
Telerman, A., Anson, R. and Tuijinder, M.
Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or virus resistance and their use as
medicines
Patent: WO 03025176-A 1343 27-MAR-2003;
Molecular Engines Laboratories (FR)
JOURNAL
FEATURES
source
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/organism="Mus musculus"
/mol_type="unassigned DNA"
/db_xref="taxon:10090"
Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 586 GTTCGTGTTTCTAC 600
Db 1 GATCGTTTCTAC 15
RESULT 101
AX725942/c
LOCUS AX725942 17 bp DNA PAT 08-MAY-2003
DEFINITION Sequence 3629 from Patent WO03025176.
ACCESSION AX725942
VERSION AX725942.1 GI:30505285
KEYWORDS Mus musculus (house mouse)
SOURCE
ORGANISM Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1
Telerman, A., Anson, R. and Tuijinder, M.
Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or virus resistance and their use as
medicines
Patent: WO 03025176-A 3629 27-MAR-2003;
Molecular Engines Laboratories (FR)
JOURNAL
FEATURES
source
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/organism="Mus musculus"
/mol_type="unassigned DNA"
/db_xref="taxon:10090"
Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 594 TTCTACACACAGA 608
Db 1 TTCTACACACAGA 3
RESULT 102
AX732178/c
LOCUS AX732178 17 bp DNA PAT 08-MAY-2003
DEFINITION Sequence 3812 from Patent WO03025175.
ACCESSION AX732178
VERSION AX732178.1 GI:30511521
KEYWORDS Homo sapiens (human)
SOURCE
ORGANISM Homo sapiens
Eukaryota; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1
Telerman, A., Anson, R. and Tuijinder, M.
Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or virus resistance and their use as
medicines

JOURNAL Patent: WO 03025175-A 3812 27-MAR-2003;
Molecular Engines Laboratories (FR)
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source
1. .17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 594 TTCTTACACACAGA 608
17 TTCTTACACACAGA 3

Db
17 TTCTTCTCTCTGA 3

RESULT 103
AX737775
LOCUS 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 3365 from Patent WO03025177.
ACCESSION AX737775
VERSION AX737775.1 GI:30517063
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1
Telerman,A., Anson,R. and Tuijinder,M.
AUTHORS Sequences involved in phenomena of tumour suppression, tumour
TITLE reversion, apoptosis and/or resistance to viruses and the use
thereof as medicaments
JOURNAL Patent: WO 03025177-A 3365 27-MAR-2003;
Molecular Engines Laboratories (FR)
FEATURES
source
1. .17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 878 TCTGAGTCGACTT 892
3 TCTGAGTCGACTT 17

Db
17 TCTGAGTCGACTT 17

RESULT 104
AX760785/c
LOCUS 17 bp DNA linear PAT 25-JUN-2003
DEFINITION Sequence 4106 from Patent WO03040369.
ACCESSION AX760785
VERSION AX760785.1 GI:32255401
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1
Telerman,A., Anson,R. and Tuijinder,M.
AUTHORS Sequences involved in tumoral suppression, tumoral reversion,
TITLE apoptosis and/or viral resistance phenomena and their use as
medicines
JOURNAL Patent: WO 03040369-A 4106 15-MAY-2003;
Molecular Engines Laboratories (FR)
FEATURES
source
1. .17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 832 TCTTTCTCTCTGA 846
17 TATTTCTCTCTGA 3

Db
17 TATTTCTCTCTGA 3

RESULT 105
AR097405/c
LOCUS 18 bp DNA linear PAT 14-FEB-2001
DEFINITION Sequence 29 from patent US 6071726.
ACCESSION AR097405
VERSION AR097405.1 GI:12806135
KEYWORDS Unknown.
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Diamandis,E., Dunn,J.M. and Stevens,J.K.
TITLE Method, reagents and kit for diagnosis and targeted screening for
p53 mutations
JOURNAL Patent: US 6071726-A 29 06-JUN-2000;
Location/Qualifiers
FEATURES
source
1. .18
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 3.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 1.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 751 CCCAGGTCCTCAGG 765
15 CCCAGGTCCTCAGG 1

Db
15 CCCAGGTCCTCAGG 1

RESULT 106
E54491/c
LOCUS 18 bp DNA linear PAT 27-AUG-2002
DEFINITION Heat-resistant lysine biosynthesis enzyme gene of thermophilic
coryneform bacterium.
ACCESSION E54491
VERSION E54491.1 GI:22553548
KEYWORDS JP 2001120270-A/15.
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 18)
AUTHORS Itaya,M., Kimura,E., Kawara,Y. and Sugimoto,S.
TITLE Heat-resistant lysine biosynthesis enzyme gene of thermophilic
coryneform bacterium
JOURNAL Patent: JP 2001120270-A 15 08-MAY-2001;
COMMENT AJINOMOTO CO INC
OS Artificial Sequence
PN JP 2001120270-A/15
PD 08-MAY-2001
PF 01-NOV-1999 JP 1999311148
PI MINORU ITAYA,EICHIRO KIMURA,YOSHIO KAWARA,SHINTCHI SUGIMOTO PC
C12N15/09//C12N15/09,C12R1:15),C12N15/00,C12R1:15) CC
Description of Artificial Sequence: primer for LA cloning of CC
dapA
FH Key Location/Qualifiers.
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source
1. .18
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 3.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 1.3e+02;

ORGANISM	Unknown.
	Unclassified.
REFERENCE	1 (bases 1 to 18)
AUTHORS	Cohen D., Chumakov, I. and Blumenfeld, M.
TITLE	Biallelic markers for use in constructing a high density

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FEATURES
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    Location/Qualifiers
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        /mol_type="genomic DNA"

Query Match      3.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. NO. 1.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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Db	16 ACCAATACTTCCCA 2	18 bp	DNA	linear	PAT 06-AUG-2001
RESULT 110					
AX180399					
LOCUS					
AX180399					

KEYWORDS
SOURCE
synthetic construct
synthetic construct
synthetic construct
ORGANISM

REFERENCE	AUTHORS	TITLE
1.	Wilson, W.D., Boykin, D. and Tidwell, R.R.	Diamidine compounds as dna minor groove binders

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FEATURES
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      1. ..18
        /organism="synthetic construct"
        /mol_type="unassigned DNA"
        /db_xref="taxon:32630"
        /note="synthetic construct, oligonucleotide"

Query Match          3.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 1.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      723 TGACTCTGGTCATAG 737
          |||||
Db      4 TGACTCTCGTCATAG 18

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RESULT 111					
BD008778/c					
LOCUS	18 bp	DNA	linear	PAT 31-JAN-2002	
DEFINITION	Structural and functional conservation of the C. Elegans clock gene clk-1.				
ACCESSION	BD008778				

KEYWORDS JP 2001502181-A/8.
SOURCE unidentified
TOOL unidentified
ORGANISM unidentified

AUTHORS	Hekimi, S., Ewbank, J., Barnes, T. and Lakowski, B.
TITLE	Structural and functional conservation of the C. Elegans clock gene clk-1
JOURNAL	Patent: JP 2001502181-A 8 20-FEB-2001; MCGILL UNIVERSITY
COMMENT	OS Unidentified PN JP 2001502181-A/8 PD 20-FEB-2001

PF 17-OCT-1997 JP 1998518750
PR 21-OCT-1996 US 60/028977,18-DEC-1996 US 60/033196 PI
SIEGFRIED HEKIMI,JONATHAN EWANK,THOMAS BARNES, PI BERNARD
LAKOWSKI
PC C1201/68,A01K67/027,A61K35/00//C07K14/435
CC Strandedness: Single;
CC Topology: Linear;
FH Key Location/Qualifiers
FT source 1..18
FT Location/Qualifiers
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/mol_type="genomic DNA"
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Query Match 3.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 1.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 827 GTCTCTCTTTCTTC 841
|||||
Db 18 GTCTCTCTTTCTTC 4
RESULT 112
BD224950 18 bp DNA linear PAT 17-JUL-2003
LOCUS Antisense modulation of expression of tumor necrosis factor
DEFINITION receptor-associated factor (TRAF).
ACCESSION BD224950
VERSION BD224950.1 GI:33034720
KEYWORDS JP 2002526095-A/85.
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 18)
AUTHORS Baker,B.F., Cowert,L.M., Monia,B.P. and Xu,X.S.
TITLE Antisense modulation of expression of tumor necrosis factor
JOURNAL receptor-associated factor (TRAF)
COMMENT Patent: JP 2002526095-A 85 20-AUG-2002;
ISIS PHARMACEUTICALS INC
OS Artificial Sequence
PN JP 2002526095-A/85
PD 20-AUG-2002
PF 05-OCT-1999 JP 2000574546
PR 06-OCT-1998 US 09/167109
PI BREND A F BAKER,LEX M COWERT,BRETT P MONIA,XIAOXING S XU PC
C12N15/09,A61K31/7105,A61K48/00,A61P29/00,A61P35/04,C12N15/00 CC
antisense sequence Location/Qualifiers
FH Key 1..18
FT source /organism="Artificial Sequence".
FT Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
Query Match 3.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 1.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 770 CACTTCTGAGGCAG 784
|||||
Db 1 CACTTGTGAGGCAG 15
RESULT 113
AR154006 18 bp DNA linear PAT 08-AUG-2001
LOCUS AR154006/c
DEFINITION Sequence 56 from patent US 6238863.
ACCESSION AR154006

AR154006.1 GI:15122059
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Schumm,J.W. and Bacher,J.W.
TITLE Materials and methods for indentifying and analyzing intermediate tandem repeat DNA markers
JOURNAL Patent: US 6238863-A 56 29-MAY-2001;
FEATURES Location/Qualifiers
source 1..18
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/mol_type="unassigned DNA"
Query Match 3.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 536 TCCTCTGCTCCTAGGCCT 553
|||||
Db 18 TCATCTGGTCTGGGCT 1
RESULT 114
I71536 18 bp DNA linear PAT 03-APR-1998
LOCUS I71536
DEFINITION Sequence 4 from patent US 5681943.
ACCESSION I71536
VERSION I71536.1 GI:3007671
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Letsinger,R.Lewis. and Gryaznov,S.M.
TITLE Method for covalently linking adjacent oligonucleotides
JOURNAL Patent: US 5681943-A 4 28-OCT-1997;
FEATURES Location/Qualifiers
source 1..18
/organism="unknown"
/mol_type="unassigned DNA"
Query Match 3.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 527 TTCCCAACATCTCTGCT 544
|||||
Db 1 TTCCCAACATCTCTGCT 18
RESULT 115
AR188974 18 bp DNA linear PAT 20-APR-2002
LOCUS AR188974/c
DEFINITION Sequence 4462 from patent US 6346398.
ACCESSION AR188974
VERSION AR188974.1 GI:20234939
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Pavco,P., McSwigen,J., Stinchcomb,D. and Escobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6346398-A 4462 12-FEB-2002;
FEATURES Location/Qualifiers
source 1..18
/organism="unknown"
/mol_type="unassigned DNA"
Query Match 3.3%; Score 13.2; DB 1; Length 18;


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Best Local Similarity 83.3%; Pred. No. 1.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 593 TTTTCTACAACACAGAGT 610
Db 18 TTTTCTCCAACACAGATAGT 1

RESULT 116
AR293073 18 bp DNA PAT 12-JUN-2003
LOCUS Sequence 4808 from patent US 6537751.
DEFINITION
ACCESSION AR293073
VERSION AR293073.1 GI:31680357
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1 (bases 1 to 18)
AUTHORS Cohen,D., Chumakov,I. and Blumenfeld,M.
TITLE Biallelic markers for use in constructing a high density
disequilibrium map of the human genome
JOURNAL Patent: US 6537751-A 4808 25-MAR-2003;
FEATURES
source
Location/Qualifiers
1..18
/organism="unknown"
/mol_type="genomic DNA"

Query Match 3.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 531 CAACATCTCTGCTCCTA 548
Db 18 CAAGCCCTCTGCTCCTA 1

RESULT 119
AR324773/c 18 bp RNA PAT 17-AUG-2003
LOCUS Sequence 2175 from patent US 6566127.
DEFINITION
ACCESSION AR324773
VERSION AR324773.1 GI:33710581
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1 (bases 1 to 18)
AUTHORS Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6566127-A 2175 20-MAY-2003;
FEATURES
source
Location/Qualifiers
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/organism="unknown"
/mol_type="unassigned RNA"

Query Match 3.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 593 TTTTCTACAACACAGAGT 610
Db 18 TTTTCTCCAACACAGATAGT 1

RESULT 120
AR046410 18 bp DNA PAT 24-NOV-2000
LOCUS Sequence 77 from Patent WO0011168.
DEFINITION
ACCESSION AR046410
VERSION AR046410.1 GI:11344380
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1
AUTHORS Lemischka,I. and Moore,K.
TITLE Genes that regulate hematopoietic blood forming stem cells and uses
thereof
JOURNAL Patent: WO 0011168-A 77 02-MAR-2000;
FEATURES
source
Location/Qualifiers
1..18
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/notes="Primer"

Best Local Similarity 83.3%; Pred. No. 1.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 641 CCTAAGTCACAGCCTCA 658
Db 18 CCTGAGTCACACATCA 1

RESULT 118
AR293458/c 18 bp DNA PAT 12-JUN-2003
LOCUS Sequence 5193 from patent US 6537751.
DEFINITION
ACCESSION AR293458
VERSION AR293458.1 GI:31680742
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1 (bases 1 to 18)
AUTHORS Cohen,D., Chumakov,I. and Blumenfeld,M.
TITLE Biallelic markers for use in constructing a high density
disequilibrium map of the human genome
JOURNAL Patent: US 6537751-A 5193 25-MAR-2003;
FEATURES
source
Location/Qualifiers
1..18
/organism="unknown"
/mol_type="genomic DNA"

Query Match 3.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 521 AATACTTTCCACATCC 538
Db 1 AATACTTTGCCACACCC 18

RESULT 117
AR293458/c 18 bp DNA PAT 12-JUN-2003
LOCUS Sequence 5193 from patent US 6537751.
DEFINITION
ACCESSION AR293458
VERSION AR293458.1 GI:31680742
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1 (bases 1 to 18)
AUTHORS Cohen,D., Chumakov,I. and Blumenfeld,M.
TITLE Biallelic markers for use in constructing a high density
disequilibrium map of the human genome
JOURNAL Patent: US 6537751-A 5193 25-MAR-2003;
FEATURES
source
Location/Qualifiers
1..18
/organism="unknown"
/mol_type="genomic DNA"

Query Match 3.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 641 CCTAAGTCACAGCCTCA 658
Db 18 CCTGAGTCACACATCA 1

RESULT 118
AR293630/c 18 bp DNA PAT 12-JUN-2003
LOCUS Sequence 5365 from patent US 6537751.
DEFINITION
ACCESSION AR293630
VERSION AR293630.1 GI:31680914
KEYWORDS
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Query Match 3.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 650 CAGACCTCAGTCTTCTC 667
Db 1 CAGCCCTCAGTCTTCTC 18

RESULT 121
AX267018 18 bp DNA linear PAT 26-OCT-2001
LOCUS Sequence 7 from Patent WO0173001.
ACCESSION AX267018
VERSION AX267018.1 GI:16515803
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Seidman, M.M. and Majumdar, A.
TITLE Establishment of cellular manipulations which enhance oligo-mediated gene targeting
JOURNAL Patent: WO 0173001-A 7 04-OCT-2001;
THE SECRETARY OF THE DEPARTMENT OF HEALTH AND HUMAN SERVICES (US)
FEATURES Location/Qualifiers
source 1..18
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Synthetic"

misc_feature 1..2
/note="The residue between C at position 1 and T at position 2 is pyrene"

Query Match 3.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 825 CTGTCTCTCTTCTCTCT 842
Db 1 CTCTCTCTCTTCTCTCT 18

RESULT 122
AX796426 18 bp DNA linear PAT 04-OCT-2003
LOCUS Sequence 769 from Patent WO03052135.
ACCESSION AX796426
VERSION AX796426.1 GI:37517092
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Burger, M., Field, J.K., Genc, B., Lilloglu, T., Lipscher, E., Maier, S. and Nimrich, I.
TITLE Method and nucleic acids for the analysis of a lung cell proliferative disorder
JOURNAL Patent: WO 03052135-A 769 26-JUN-2003;
Epigenomics AG (DE)
FEATURES Location/Qualifiers
source 1..18
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Detection oligonucleotide for TIMP3"

Query Match 3.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 512 CACAGTACCAATATTTTC 529
Db 18 CAAATACCAATATTTTC 1

RESULT 123
AX822868 18 bp DNA linear PAT 11-DEC-2003
LOCUS Sequence 760 from Patent EP1340818.
ACCESSION AX822868
VERSION AX822868.1 GI:39749504
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Adorjan, P., Burger, M., Maier, S., Nimrich, I., Becker, E., Lesche, R., Rujan, T. and Schmitt, A.
TITLE Method and nucleic acids for the analysis of a colon cell proliferative disorder
JOURNAL Patent: EP 1340818-A 760 03-SEP-2003;
Epigenomics AG (DE)
FEATURES Location/Qualifiers
source 1..18
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Detection oligonucleotide for TIMP3"

Query Match 3.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 512 CACAGTACCAATATTTTC 529
Db 18 CAAATACCAATATTTTC 1

RESULT 124
AX826508 18 bp DNA linear PAT 11-DEC-2003
LOCUS Sequence 760 from Patent WO03072821.
ACCESSION AX826508
VERSION AX826508.1 GI:39752022
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Adorjan, P., Burger, M., Maier, S., Nimrich, I., Becker, E., Lesche, R., Rujan, T. and Schmitt, A.
TITLE Method and nucleic acids for the analysis of a colon cell proliferative disorder
JOURNAL Patent: WO 03072821-A 760 04-SEP-2003;
Epigenomics AG (DE)
FEATURES Location/Qualifiers
source 1..18
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Detection oligonucleotide for TIMP3"

Query Match 3.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 512 CACAGTACCAATATTTTC 529
Db 18 CAAATACCAATATTTTC 1

RESULT 125
BD130112/c

LOCUS BDI30112 18 bp DNA linear PAT 18-SEP-2002
DEFINITION Material and method for specifying and analyzing medium-size tandem repeat DNA marker.
ACCESSION BDI30112
VERSION BDI30112.1 GI:23225057
KEYWORDS JP 2002502606-A/56.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 18)
AUTHORS Schumm,J.W. and Bacher,J.W.
TITLE Material and method for specifying and analyzing medium-size tandem repeat DNA marker
JOURNAL Patent: JP 2002502606-A 56 29-JAN-2002;
PROMEGA CORP
COMMENT OS Unidentified
PN JP 2002502606-A/56
PD 29-JAN-2002
PF 04-FEB-1999 JP 2000530608
PR 04-FEB-1998 US 09/018584
PI JAMES W SCHUMM, JESFREY W BACHER
PC C12N15/09,C12Q1/68,C12N15/00
CC Strandedness: Single;
CC Topology: Linear;
CC Material and method for specifying and analyzing medium-size tandem repeat
CC DNA marker
FH Key Location/Qualifiers
FT source 1..18
FT /organism='Unidentified'.
FEATURES
source Location/Qualifiers
1..18
/organism='unidentified'
/mol_type='genomic DNA'
/db_xref='taxon:32644'
Query Match 3.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 536 TCCTCTGCTCCAGGCCT 553
Db 18 TCATCTGGTCTCTGGGCCT 1
RESULT 126
AR408026/c
LOCUS AR408026 14 bp RNA linear PAT 18-DEC-2003
DEFINITION Sequence 119 from patent US 6632057.
ACCESSION AR408026
VERSION AR408026.1 GI:40158013
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 14)
AUTHORS Fauchet,C.R.J.
TITLE Fixing unit with an end imprint in a threaded terminal portion
JOURNAL Patent: US 6632057-A 119 14-OCT-2003;
FEATURES
source Location/Qualifiers
1..14
/organism='unknown'
/mol_type='unassigned RNA'
Query Match 3.3%; Score 13; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 770 CACTTCTGAGGC 782
Db 13 CACTTCTGAGGC 1

LOCUS I34311 16 bp DNA linear PAT 06-FEB-1997
DEFINITION Sequence 10 from patent US 5597710.
ACCESSION I34311
VERSION I34311.1 GI:1825102
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 16)
AUTHORS Dalie,B., Miller,K., Murgolo,N. and Tindall,S.
TITLE Humanized monoclonal antibodies against human interleukin-4
JOURNAL Patent: US 5597710-A 10 28-JAN-1997;
FEATURES
source Location/Qualifiers
1..16
/organism='unknown'
/mol_type='unassigned DNA'
Query Match 3.3%; Score 13; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 718 GAGAGTGACTCTG 730
Db 16 GAGAGTGACTCTG 4
RESULT 128
AX728634/c
LOCUS AX728634 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 268 from Patent WO03025175.
ACCESSION AX728634
VERSION AX728634.1 GI:30507977
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
AUTHORS Telerman,A., Anson,R. and Tuijinder,M.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
JOURNAL Patent: WO 03025175-A 268 27-MAR-2003;
FEATURES
source Location/Qualifiers
1..17
/organism='Homo sapiens'
/mol_type='unassigned DNA'
/db_xref='taxon:9606'
Query Match 3.3%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 709 GAGTCCAGGAGA 721
Db 15 GAGTCCAGGAGA 3
RESULT 129
AX735717/c
LOCUS AX735717 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 1307 from Patent WO03025177.
ACCESSION AX735717
VERSION AX735717.1 GI:30514994
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1

AUTHORS Telerman,A., Amson,R. and Tuijinder,M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or resistance to viruses and the use
thereof as medicaments
JOURNAL Patent: WO 03025177-A 1307 27-MAR-2003;
Molecular Engines Laboratories (FR)
FEATURES Location/Qualifiers
source
1. .17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
Query Match 3.3%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 709 GAGTCCCGAGGAGA 721
Db 15 GAGTCCCGAGGAGA 3
RESULT 130
AX761661/c
LOCUS AX761661 17 bp DNA linear PAT 25-JUN-2003
DEFINITION Sequence 4982 from Patent WO03040369.
ACCESSION AX761661
VERSION AX761661.1 GI:32256277
KEYWORDS Homo sapiens (human)
SOURCE
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Telerman,A., Amson,R. and Tuijinder,M.
TITLE Sequences involved in tumoral suppression, tumoral reversion,
apoptosis and/or viral resistance phenomena and their use as
medicines
JOURNAL Patent: WO 03040369-A 4982 15-MAY-2003;
Molecular Engines Laboratories (FR)
FEATURES Location/Qualifiers
source
1. .17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
Query Match 3.3%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 709 GAGTCCCGAGGAGA 721
Db 15 GAGTCCCGAGGAGA 3
RESULT 131
AR078596
LOCUS AR078596 18 bp DNA linear PAT 31-AUG-2000
DEFINITION Sequence 22 from patent US 5962672.
ACCESSION AR078596
VERSION AR078596.1 GI:10005342
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Coswert,L.M.
TITLE Antisense modulation of RhoB expression
JOURNAL Patent: US 5962672-A 22 05-OCT-1999;
FEATURES Location/Qualifiers
source
1. .18
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 3.3%; Score 13; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 702 CTCGAGCGAGTCC 714
Db 6 CTCGAGCGAGTCC 18
RESULT 132
AR215535
LOCUS AR215535 18 bp DNA linear PAT 25-SEP-2002
DEFINITION Sequence 83 from patent US 6410323.
ACCESSION AR215535
VERSION AR215535.1 GI:23313791
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Roberts,M.L. and Cowseert,L.M.
TITLE Antisense modulation of human Rho family gene expression
JOURNAL Patent: US 6410323-A 83 25-JUN-2002;
FEATURES Location/Qualifiers
source
1. .18
/organism="unknown"
/mol_type="genomic DNA"
Query Match 3.3%; Score 13; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 702 CTCGAGCGAGTCC 714
Db 6 CTCGAGCGAGTCC 18
RESULT 133
AX772228
LOCUS AX772228 16 bp DNA linear PAT 02-JUL-2003
DEFINITION Sequence 18 from Patent WO03042407.
ACCESSION AX772228
VERSION AX772228.1 GI:32438801
KEYWORDS Drosophila melanogaster (fruit fly)
SOURCE Drosophila melanogaster
ORGANISM Drosophila melanogaster
REFERENCE 1
AUTHORS Eukaryota; Metazoa; Arthropoda; Hexapoda; Insecta; Pterygota;
TITLE Neoptera; Endopterygota; Diptera; Brachycera; Muscomorpha;
JOURNAL Ephydroidea; Drosophilidae; Drosophila.
FEATURES
source
1. .16
/organism="Drosophila melanogaster"
/mol_type="unassigned DNA"
/db_xref="taxon:7227"
Query Match 3.2%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 1.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 536 TCCTCTGCTCCTAGGC 551
Db 1 TCCTCTGCTCCTAGGC 16
RESULT 134
AR046566
LOCUS AR046566 17 bp DNA linear PAT 29-SEP-1999

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DEFINITION Sequence 1359 from patent US 5817796.
ACCESSION AR046566
VERSION AR046566.1 GI:5968031
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1 (bases 1 to 17)
AUTHORS Stinchcomb, D.T., Draper, K., McSwiggen, J. and Jarvis, T.
TITLE C-myb ribozymes having 2'-5'-linked adenylylate residues
JOURNAL Patent: US 5817796-A 1359 06-OCT-1998;
FEATURES
    source
        /organism="unknown"
        /mol_type="unassigned DNA"
    Query Match 3.2%; Score 12.8; DB 1; Length 17;
    Best Local Similarity 87.5%; Pred. No. 1.4e+02;
    Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 803 CTCCTCTCCAACTCAG 818
Db |||||
2 CTCACCTCACTCAG 17

RESULT 135
BD254077/c 17 bp DNA linear PAT 17-JUL-2003
LOCUS Regulation of repressor genes using nucleic acid molecules.
DEFINITION BD254077
ACCESSION BD254077.1 GI:33063847
VERSION JP 2002541795-A/1870.
KEYWORDS unidentifed
SOURCE unidentifed
ORGANISM unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Blatt, L., Zwick, M., Pavco, P. and McSwiggen, J.
TITLE Regulation of repressor genes using nucleic acid molecules
JOURNAL Patent: JP 2002541795-A 1870 10-DEC-2002;
COMMENT RIBOZYME PHARMACEUTICALS INC
OS Eukaryote
PN JP 2002541795-A/1870
PD 10-DEC-2002
PF 11-APR-2000 JP 2000611654
PR 12-APR-1999 US 60/129390
PT LAWRENCE BLATT, MICHAEL ZWICK, PAMELA PAVCO, JAMES MCSWIGGEN PC
C12N15/09, A61K38/00, A61K48/00, A61P43/00, A61P43/10, PC
C12P21/02,
PC C12P21/02, C12P21/02//A61K31/711, (C12N5/10, C12R1:91), (C12P21/02, PC
C12R1:91),
PC (C12P21/02, C12R1:91), (C12P21/02, C12R1:91), C12N15/00, C12N5/00,
PC A61K37/02, C12R1:91)
PC (C12N5/00, C12R1:91)
CC Regulation of repressor genes using nucleic acid molecules FH
Key Location/Qualifiers
FT source 1..17
FT /organism='Eukaryote'.

FEATURES
    source
        Location/Qualifiers
        1..17
        /organism="unidentified"
        /mol_type="genomic DNA"
        /db_xref="taxon:32644"

    Query Match 3.2%; Score 12.8; DB 1; Length 17;
    Best Local Similarity 87.5%; Pred. No. 1.4e+02;
    Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 678 GGACCCCGAGGGCCAC 693
Db |||||
16 GGACCCCGAGGGCCAC 1

RESULT 136
I33456/c 17 bp DNA linear PAT 06-FEB-1997
LOCUS Sequence 7 from patent US 5591821.
DEFINITION I33456
ACCESSION I33456
VERSION I33456.1 GI:1824247
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1 (bases 1 to 17)
AUTHORS Olivera, B.M., Hillyard, D.R., Imperial, J.S. and Monje, V.D.
TITLE Omega-conotoxin peptides
JOURNAL Patent: US 5591821-A 7 07-JAN-1997;
FEATURES
    source
        Location/Qualifiers
        1..17
        /organism="unknown"
        /mol_type="unassigned DNA"
    Query Match 3.2%; Score 12.8; DB 1; Length 17;
    Best Local Similarity 87.5%; Pred. No. 1.4e+02;
    Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 727 TCTGTCATAGGACTT 742
Db |||||
17 TCATGTCATAGGACTT 2

RESULT 137
I37003/c 17 bp DNA linear PAT 13-MAY-1997
LOCUS Sequence 16 from patent US 5612215.
DEFINITION I37003
ACCESSION I37003
VERSION I37003.1 GI:2084963
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1 (bases 1 to 17)
AUTHORS Draper, K.G., Pavco, P., McSwiggen, J., Gustofson, J. and
Stinchcomb, D.T.
TITLE Stromelysin targeted ribozymes
JOURNAL Patent: US 5612215-A 16 18-MAR-1997;
FEATURES
    source
        Location/Qualifiers
        1..17
        /organism="unknown"
        /mol_type="unassigned DNA"
    Query Match 3.2%; Score 12.8; DB 1; Length 17;
    Best Local Similarity 87.5%; Pred. No. 1.4e+02;
    Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 815 TCAGGGTTGGCTGTGT 830
Db |||||
17 TCAGTGTGGCTGAGT 2

RESULT 138
I53618 17 bp DNA linear PAT 07-OCT-1997
LOCUS Sequence 1359 from patent US 5646042.
DEFINITION I53618
ACCESSION I53618
VERSION I53618.1 GI:2474821
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1 (bases 1 to 17)
AUTHORS Stinchcomb, D.T., Draper, K., McSwiggen, J. and Jarvis, T.
TITLE C-myb targeted ribozymes
JOURNAL Patent: US 5646042-A 1359 08-JUL-1997;
FEATURES
    source
        Location/Qualifiers
        1..17
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/organism="unknown"
/mol_type="unassigned DNA"

Query Match
Best Local Similarity 3.2%; Score 12.8; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 803 CTCCTCTCCAACTCAG 818
Db 2 CTCAGCTCCATCTCAG 17

RESULT 139
LOCUS 193853 17 bp DNA linear PAT 01-DEC-1998
DEFINITION Sequence 16 from patent US 5731295.
ACCESSION 193853
VERSION 193853.1 GI:3938323
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1 (bases 1 to 17)
AUTHORS Draper,K.G., Pavco,P., McSwiggen,J., Gustofson,J. and
TITLE Stinchcomb,D.T.
JOURNAL Method of reducing stromelysin RNA via ribozymes
FEATURES
source
Location/Qualifiers
1..17
/organism="unknown"
/mol_type="unassigned DNA"

Query Match
Best Local Similarity 3.2%; Score 12.8; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 815 TCAGGGTTGCTGTGT 830
Db 17 TCAGTGTGCTGTAGT 2

RESULT 140
LOCUS AR328925 17 bp RNA linear PAT 17-AUG-2003
DEFINITION Sequence 6327 from patent US 6566127.
ACCESSION AR328925
VERSION AR328925.1 GI:33714733
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1 (bases 1 to 17)
AUTHORS Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6566127-A 6327 20-MAY-2003;
FEATURES
source
Location/Qualifiers
1..17
/organism="unknown"
/mol_type="unassigned RNA"

Query Match
Best Local Similarity 3.2%; Score 12.8; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 821 TTGGCTGTGCTCTTT 836
Db 16 TTTCGTGTCTCTTT 1

RESULT 141
LOCUS AR402381 17 bp DNA linear PAT 18-DEC-2003
DEFINITION Sequence 615 from patent US 6656700.
ACCESSION AR434192
VERSION AR434192.1 GI:40197035
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1 (bases 1 to 17)
AUTHORS Gu,Y. and Shannon,M.E.
TITLE Isoforms of human pregnancy-associated protein-E
JOURNAL Patent: US 6656700-A 615 02-DEC-2003;
FEATURES
source
Location/Qualifiers
1..17
/organism="unknown"
/mol_type="genomic DNA"

DEFINITION Sequence 721 from patent US 6623962.
ACCESSION AR402381
VERSION AR402381.1 GI:40149831
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1 (bases 1 to 17)
AUTHORS Akhtar,S., Fell,P. and McSwiggen,J.A.
TITLE Enzymatic nucleic acid treatment of diseases of conditions related
to levels of epidermal growth factor receptors
JOURNAL Patent: US 6623962-A 721 23-SEP-2003;
FEATURES
source
Location/Qualifiers
1..17
/organism="unknown"
/mol_type="genomic DNA"

Query Match
Best Local Similarity 3.2%; Score 12.8; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 521 AATACCTTCCCAACAT 536
Db 2 AATGCTTTCACACAT 17

RESULT 142
LOCUS AR402382 17 bp DNA linear PAT 18-DEC-2003
DEFINITION Sequence 722 from patent US 6623962.
ACCESSION AR402382
VERSION AR402382.1 GI:40149832
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1 (bases 1 to 17)
AUTHORS Akhtar,S., Fell,P. and McSwiggen,J.A.
TITLE Enzymatic nucleic acid treatment of diseases of conditions related
to levels of epidermal growth factor receptors
JOURNAL Patent: US 6623962-A 722 23-SEP-2003;
FEATURES
source
Location/Qualifiers
1..17
/organism="unknown"
/mol_type="genomic DNA"

Query Match
Best Local Similarity 3.2%; Score 12.8; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 521 AATACCTTCCCAACAT 536
Db 1 AATGCTTTCACACAT 16

RESULT 143
LOCUS AR434192/c 17 bp DNA linear PAT 18-DEC-2003
DEFINITION Sequence 615 from patent US 6656700.
ACCESSION AR434192
VERSION AR434192.1 GI:40197035
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1 (bases 1 to 17)
AUTHORS Gu,Y. and Shannon,M.E.
TITLE Isoforms of human pregnancy-associated protein-E
JOURNAL Patent: US 6656700-A 615 02-DEC-2003;
FEATURES
source
Location/Qualifiers
1..17
/organism="unknown"
/mol_type="genomic DNA"
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Query Match          3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 546 CTAGGCTCCCGAGG 561
Db 17 CTATGCTCCCGAGG 2

RESULT 144
AR434193/c
LOCUS AR434193 17 bp DNA linear PAT 18-DEC-2003
DEFINITION Sequence 616 from patent US 6656700.
ACCESSION AR434193
VERSION AR434193.1 GI:40197036
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Gu, Y. and Shannon, M.E.
TITLE Isoforms of human pregnancy-associated protein-E
JOURNAL Patent: US 6656700-A 616 02-DEC-2003;
FEATURES
    source
        /organism="unknown"
        /mol_type="genomic DNA"

Query Match          3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 546 CTAGGCTCCCGAGG 561
Db 16 CTATGCTCCCGAGG 1

RESULT 145
AR434194/c
LOCUS AR434194 17 bp DNA linear PAT 18-DEC-2003
DEFINITION Sequence 617 from patent US 6656700.
ACCESSION AR434194
VERSION AR434194.1 GI:40197037
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Gu, Y. and Shannon, M.E.
TITLE Isoforms of human pregnancy-associated protein-E
JOURNAL Patent: US 6656700-A 617 02-DEC-2003;
FEATURES
    source
        /organism="unknown"
        /mol_type="genomic DNA"

Query Match          3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 544 TCCTAGGCTCCCGAG 559
Db 17 TTCTATGCTCCCGAG 2

RESULT 146
AR434197/c
LOCUS AR434197 17 bp DNA linear PAT 18-DEC-2003
DEFINITION Sequence 620 from patent US 6656700.
ACCESSION AR434197
VERSION AR434197.1 GI:40197040
KEYWORDS
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SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Gu, Y. and Shannon, M.E.
TITLE Isoforms of human pregnancy-associated protein-E
JOURNAL Patent: US 6656700-A 620 02-DEC-2003;
FEATURES
    source
        /organism="unknown"
        /mol_type="genomic DNA"

Query Match          3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 542 GCTCTAGGCTCCCG 557
Db 16 GCTTCTATGCTCCCG 1

RESULT 147
AX217071/c
LOCUS AX217071 17 bp RNA linear PAT 07-SEP-2001
DEFINITION Sequence 2513 from Patent WO0159103.
ACCESSION AX217071
VERSION AX217071.1 GI:15527132
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Blatt, L., McSwiggen, J. and Chowrira, B.M.
TITLE Method and reagent for the modulation and diagnosis of cd20 and
        nogo gene expression
JOURNAL Patent: WO 0159103-A 2513 16-AUG-2001;
        RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US);
        McSwiggen, James (US); Chowrira, Bharat M. (US)
FEATURES
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                /organism="synthetic construct"
                /mol_type="unassigned RNA"
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                /note="Nucleic Acid"

Query Match          3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 581 CTTTGTCTCTGTTTT 596
Db 17 CTTTCTCTCTATTTT 2

RESULT 148
AX217887/c
LOCUS AX217887 17 bp RNA linear PAT 07-SEP-2001
DEFINITION Sequence 3329 from Patent WO0159103.
ACCESSION AX217887
VERSION AX217887.1 GI:15527948
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Blatt, L., McSwiggen, J. and Chowrira, B.M.
TITLE Method and reagent for the modulation and diagnosis of cd20 and
        nogo gene expression
JOURNAL Patent: WO 0159103-A 3329 16-AUG-2001;
        RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US);
        McSwiggen, James (US); Chowrira, Bharat M. (US)
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    source
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/organism="synthetic construct"
/mol_type="unassigned RNA"
/db_xref="taxon:32630"
/notes="Nucleic Acid"

Query Match
Best Local Similarity 3.2%; Score 12.8; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 617 TCTGCTCTGTTCTGTA 632
DB 16 TCTCCTGTTGTTGTA 1

RESULT 149
AX218118/c
LOCUS AX218118 17 bp RNA linear PAT 07-SEP-2001
DEFINITION Sequence 3560 from Patent WO0159103.
ACCESSION AX218118
VERSION AX218118.1 GI:15528179
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Blatt, L., McSwiggen, J. and Chowrira, B.M.
TITLE Method and reagent for the modulation and diagnosis of cd20 and
JOURNAL nogo gene expression
PATENT: WO 0159103-A 3560 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
FEATURES
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/organism="synthetic construct"
/mol_type="unassigned RNA"
/db_xref="taxon:32630"
/notes="Nucleic Acid"

Query Match
Best Local Similarity 3.2%; Score 12.8; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 844 TGAAGACAGGCTCTG 859
DB 17 TGAAGACATCTCTG 2

RESULT 150
AX218254/c
LOCUS AX218254 17 bp RNA linear PAT 07-SEP-2001
DEFINITION Sequence 3696 from Patent WO0159103.
ACCESSION AX218254
VERSION AX218254.1 GI:15528315
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Blatt, L., McSwiggen, J. and Chowrira, B.M.
TITLE Method and reagent for the modulation and diagnosis of cd20 and
JOURNAL nogo gene expression
PATENT: WO 0159103-A 3696 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
FEATURES
Source
1. .17
/organism="synthetic construct"
/mol_type="unassigned RNA"
/db_xref="taxon:32630"
/notes="Nucleic Acid"

Query Match
Best Local Similarity 3.2%; Score 12.8; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 548 AGGCTCTCCCGAGAG 563
DB 16 ATGCCTCCCGAGAG 2

RESULT 151
AX218255/c
LOCUS AX218255 17 bp RNA linear PAT 07-SEP-2001
DEFINITION Sequence 3697 from Patent WO0159103.
ACCESSION AX218255
VERSION AX218255.1 GI:15528316
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Blatt, L., McSwiggen, J. and Chowrira, B.M.
TITLE Method and reagent for the modulation and diagnosis of cd20 and
JOURNAL nogo gene expression
PATENT: WO 0159103-A 3697 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
FEATURES
Source
1. .17
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/mol_type="unassigned RNA"
/db_xref="taxon:32630"
/notes="Nucleic Acid"

Query Match
Best Local Similarity 3.2%; Score 12.8; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 548 AGGCTCTCCCGAGAG 563
DB 16 ATGCCTCCCGAGAG 2

RESULT 152
AX227440/c
LOCUS AX227440 17 bp RNA linear PAT 10-SEP-2001
DEFINITION Sequence 812 from Patent WO0157206.
ACCESSION AX227440
VERSION AX227440.1 GI:15556581
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Fattaey, A.R., Jarvis, T., McSwiggen, J., Bocher, R.N. and Holman, P.S.
TITLE Method and reagent for the inhibition of checkpoint kinase-1 (chk
JOURNAL 1) enzyme
PATENT: WO 0157206-A 812 09-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Fattaey, Ali R. (US)
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1. .17
/organism="synthetic construct"
/mol_type="unassigned RNA"
/db_xref="taxon:32630"

Query Match
Best Local Similarity 3.2%; Score 12.8; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 796 CCAAGAGCTCTCTCC 811
DB 16 CAAAAGCTCTCTCC 1

RESULT 153
AX229745
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LOCUS AX229745 17 bp DNA linear PAT 11-SEP-2001
DEFINITION Sequence 15 from Patent WO0162964.
ACCESSION AX229745
VERSION AX229745.1 GI:15591957
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Winsey,S.U., Haldar,N., Wojnarowska,F.U. and Welsh,K.N.
TITLE A genetic determinant for malignant melanoma
JOURNAL Patent: WO 0162964-A 15 30-AUG-2001;
Isis Innovation Limited (GB)
FEATURES
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Primer XPD exon 23 consensus"
Query Match 3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 677 CGGACCCCGAGGCCCA 692
Db 1 CGGACCCCGAGGCCCA 16
RESULT 154
AX193393
LOCUS AX393393 17 bp DNA linear PAT 23-MAR-2002
DEFINITION Sequence 323 from Patent WO0210217.
ACCESSION AX393393
VERSION AX393393.1 GI:19701375
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS St Croix,B., Kinzler,K.W. and Vogelstein,B.
TITLE Endothelial cell expression patterns
JOURNAL Patent: WO 0210217-A 323 07-FEB-2002;
The Johns Hopkins University (US)
FEATURES
source
1..17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
Query Match 3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 706 AGCGACTCCAGGAGA 721
Db 2 AGTGAGACCCAGGAGA 17
RESULT 155
AX423063
LOCUS AX423063 17 bp RNA linear PAT 18-JUN-2002
DEFINITION Sequence 1399 from Patent WO0188124.
ACCESSION AX423063
VERSION AX423063.1 GI:21526445
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Jarvis,T., von Carlowitz,I., Mcswiggen,J.A., McLaughlin,F.G. and

Randi,A.M.
TITLE Method and reagent for the inhibition of erg
JOURNAL Patent: WO 0188124-A 1399 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
FEATURES
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/mol_type="unassigned RNA"
/db_xref="taxon:9606"
Query Match 3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 816 CAGGCTTGGCTGTCTC 831
Db 1 CAGGATTGGCTGTCTC 16
RESULT 156
AX423480
LOCUS AX423480 17 bp RNA linear PAT 18-JUN-2002
DEFINITION Sequence 1016 from Patent WO0188124.
ACCESSION AX423480
VERSION AX423480.1 GI:21526862
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Jarvis,T., von Carlowitz,I., Mcswiggen,J.A., McLaughlin,F.G. and
Randi,A.M.
TITLE Method and reagent for the inhibition of erg
JOURNAL Patent: WO 0188124-A 1016 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
FEATURES
source
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/organism="Homo sapiens"
/mol_type="unassigned RNA"
/db_xref="taxon:9606"
Query Match 3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 816 CAGGCTTGGCTGTCTC 831
Db 2 CAGGATTGGCTGTCTC 17
RESULT 157
AX423535
LOCUS AX423535 17 bp RNA linear PAT 18-JUN-2002
DEFINITION Sequence 1871 from Patent WO0188124.
ACCESSION AX423535
VERSION AX423535.1 GI:21526917
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Jarvis,T., von Carlowitz,I., Mcswiggen,J.A., McLaughlin,F.G. and
Randi,A.M.
TITLE Method and reagent for the inhibition of erg
JOURNAL Patent: WO 0188124-A 1871 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
FEATURES
source
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/organism="Homo sapiens"
/mol_type="unassigned RNA"
/db_xref="taxon:9606"

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Query Match      3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 628 CCTGAGAGAGCTCCT 643
Db 2 CCTCAGAGAGCTCCT 17

RESULT 158
AX531206
LOCUS      17 bp      DNA      linear      PAT 16-JUL-2002
DEFINITION Sequence 18 from Patent WO0224889.
ACCESSION  AX531206
VERSION     AX467582.1 GI:21900774
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE   1
AUTHORS    Epstein,N.D., Hasanzadeh,S., Winitesky,S. and Davis,J.S.
TITLE      Optimized cardiac contraction through differential phosphorylation
            of myosin
JOURNAL    Patent: WO 0224889-A 18 28-MAR-2002;
            The Secretary of the Department of Health and Human Services (US)
FEATURES
source     1. .17
            Location/Qualifiers
            /organism="Homo sapiens"
            /mol_type="unassigned DNA"
            /db_xref="taxon:9606"

Query Match      3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 677 CGGACCCCGAGGCCA 692
Db 2 CAGACCCCGAGGCCA 17

RESULT 159
AX531206
LOCUS      17 bp      DNA      linear      PAT 22-NOV-2002
DEFINITION Sequence 715 from Patent EPI239051.
ACCESSION  AX531206
VERSION     AX531206.1 GI:25254205
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE   1
AUTHORS    Shannon,M.
TITLE      Human posh-like protein 1
JOURNAL    Patent: EP 1239051-A 715 11-SEP-2002;
            Aeomica, Inc. (US)
FEATURES
source     1. .17
            Location/Qualifiers
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            /mol_type="unassigned DNA"
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Query Match      3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 838 CTTCTCTGAAGACAGC 853
Db 2 CTTCTCCGGAGACAGC 17

RESULT 160
AX531207
LOCUS      17 bp      DNA      linear      PAT 22-NOV-2002
DEFINITION Sequence 716 from Patent EPI239051.
ACCESSION  AX531207
VERSION     AX531207.1 GI:25254207
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE   1
AUTHORS    Shannon,M.
TITLE      Human posh-like protein 1
JOURNAL    Patent: EP 1239051-A 716 11-SEP-2002;
            Aeomica, Inc. (US)
FEATURES
source     1. .17
            Location/Qualifiers
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            /mol_type="unassigned DNA"
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Query Match      3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 838 CTTCTCTGAAGACAGC 853
Db 1 CTTCTCCGGAGACAGC 16

RESULT 161
AX531268
LOCUS      17 bp      DNA      linear      PAT 22-NOV-2002
DEFINITION Sequence 777 from Patent EPI239051.
ACCESSION  AX531268
VERSION     AX531268.1 GI:25254325
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE   1
AUTHORS    Shannon,M.
TITLE      Human posh-like protein 1
JOURNAL    Patent: EP 1239051-A 777 11-SEP-2002;
            Aeomica, Inc. (US)
FEATURES
source     1. .17
            Location/Qualifiers
            /organism="Homo sapiens"
            /mol_type="unassigned DNA"
            /db_xref="taxon:9606"

Query Match      3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 552 CTCCCAGAGCGCTCC 567
Db 2 CTTCCAGCGAGCTCC 17

RESULT 162
AX531269
LOCUS      17 bp      DNA      linear      PAT 22-NOV-2002
DEFINITION Sequence 778 from Patent EPI239051.
ACCESSION  AX531269
VERSION     AX531269.1 GI:25254327
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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REFERENCE
1
AUTHORS Shannon,M.
TITLE Human pox-like protein 1
JOURNAL Patent: EP 1239051-A 778 11-SEP-2002;
Aeomica, Inc. (US)
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source
1. .17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 552 CTCGCCAGCGAGCTCC 567
Db 1 CTTCCCGCCAGCTCC 16

RESULT 163
AX729488
LOCUS AX729488 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 1122 from Patent WO03025175.
ACCESSION AX729488
VERSION AX729488.1 GI:30508831
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE
1
AUTHORS Telerman,A., Amson,R. and Tuijinder,M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or virus resistance and their use as
medicines
JOURNAL Patent: WO 03025175-A 1122 27-MAR-2003;
Molecular Engines Laboratories (FR)
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1. .17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
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Query Match 3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 518 ACCAATACTTTCCCAA 533
Db 2 ATCAATACTATCCCAA 17

RESULT 164
AX759567
LOCUS AX759567 17 bp DNA linear PAT 25-JUN-2003
DEFINITION Sequence 2888 from Patent WO03040369.
ACCESSION AX759567
VERSION AX759567.1 GI:32254183
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE
1
AUTHORS Telerman,A., Amson,R. and Tuijinder,M.
TITLE Sequences involved in tumoral suppression, tumoral reversion,
apoptosis and/or viral resistance phenomena and their use as
medicines
JOURNAL Patent: WO 03040369-A 2888 15-MAY-2003;
Molecular Engines Laboratories (FR)
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source
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/db_xref="taxon:9606"

/organism="Homo sapiens"
/mol_type="unassigned DNA"
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Query Match 3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 802 GCTCTCTCCCACTCA 817
Db 1 GATCTCTCACTCA 16

RESULT 165
BD067881
LOCUS BD067881 17 bp RNA linear PAT 27-AUG-2002
DEFINITION Enzymatic nucleic acid treatment of diseases or conditions related
to levels of epidermal growth factor receptors.
ACCESSION BD067881
VERSION BD067881.1 GI:22613484
KEYWORDS JP 2001511003-A/721.
SOURCE unidentified
ORGANISM unidentified
REFERENCE
1 (bases 1 to 17)
AUTHORS Akhtar,S., Fell,P. and Mcswiggen,J.A.
TITLE Enzymatic nucleic acid treatment of diseases or conditions related
to levels of epidermal growth factor receptors
JOURNAL Patent: JP 2001511003-A 721 07-AUG-2001;
RIBOZYME PHARMACEUTICALS INC,ASTON UNIV
COMMENT OS Unidentified
PN JP 2001511003-A/721
PD 07-AUG-2001
PF 14-JAN-1998 JP 1998532913
PR 31-JAN-1997 US 60/036476,04-DEC-1997 US 08/985162 PI
SAGHIR AKHTAR,PATRICIA FELL,JAMES A MCSWIGGEN PC
C12N9/00,C07K14/71
CC Strandedness: Single;
CC Topology: Linear;
CC Enzymatic nucleic acid treatment of diseases or conditions CC
related to
CC levels of epidermal growth factor receptors
FH Key Location/Qualifiers
FT source 1. .17
/organism="unidentified"
/mol_type="genomic RNA"
/db_xref="taxon:32644"

Query Match 3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 521 AATACTTCCCAACAT 536
Db 2 AATGCTTTCACACAT 17

RESULT 166
BD067882
LOCUS BD067882 17 bp RNA linear PAT 27-AUG-2002
DEFINITION Enzymatic nucleic acid treatment of diseases or conditions related
to levels of epidermal growth factor receptors.
ACCESSION BD067882
VERSION BD067882.1 GI:22613485
KEYWORDS JP 2001511003-A/722.
SOURCE unidentified
ORGANISM unidentified
REFERENCE
1 (bases 1 to 17)
AUTHORS Akhtar,S., Fell,P. and Mcswiggen,J.A.
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TITLE Enzymatic nucleic acid treatment of diseases or conditions related to levels of epidermal growth factor receptors

JOURNAL Patent: JP 2001511003-A 722 07-AUG-2001;
RIBOZYME PHARMACEUTICALS INC./ASTON UNIV

COMMENT OS Unidentified
PN JP 2001511003-A/722
PD 07-AUG-2001
PF 14-JAN-1998 JP 1998532913
PR 31-JAN-1997 US 60/036476, 04-DEC-1997 US 08/985162 PI
SAGHIR AKHTAR, PATRICIA FELL, JAMES A MCSWIGGEN PC
C12N9/00, C07K14/71
CC Strandedness: Single;
CC Topology: Linear;
CC Enzymatic nucleic acid treatment of diseases or conditions CC
related to
CC levels of epidermal growth factor receptors
FH Key Location/Qualifiers
FT source 1..17
FT /organism='Unidentified'.
FEATURES source Location/Qualifiers
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/organism='unidentified'
/mol_type='genomic RNA'
/db_xref='taxon:32644'

Query Match 3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 521 AATACTTTCCCAACAT 536
Db 1 AATGCTTCCACAT 16

RESULT 167
BD198664

LOCUS 17 bp RNA linear PAT 17-JUL-2003

DEFINITION Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response.

ACCESSION BD198664.1 GI:33008434

VERSION BD198664.1

KEYWORDS JP 2002509721-A/1690

SOURCE Homo sapiens (human)

ORGANISM Homo sapiens

REFERENCE Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 17)
Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A.
Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response
Patent: JP 2002509721-A 1690 02-APR-2002;
RIBOZYME PHARMACEUTICALS INC

COMMENT OS Homo sapiens (human)
PN JP 2002509721-A/1690
PD 02-APR-2002
PF 24-MAR-1999 JP 2000541291
PR 27-MAR-1998 US 60/079678
PI PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
PI JAMES A MCSWIGGEN
PC C12N15/09, A61K31/7088, A61K31/7125, A61K48/00, A61P3/10, A61P17/06, PC
A61P29/00,
PC A61P35/00, A61P43/00, C12N5/10, C12N9/00//A61K35/76, C12N15/00, PC
C12N5/00
CC Method and reagent for treating diseases or conditions CC
concerning molecule
CC participating in vasculogenic response
FH Key Location/Qualifiers
FT source 1..17
FT /organism='Homo sapiens (human)'.
FEATURES source Location/Qualifiers
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/organism='Homo sapiens'

/mol_type='genomic RNA'
/db_xref='taxon:9606'

Query Match 3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 707 GCGAGTCCCGAGGAG 722
Db 2 GCGAGTTCGAGGAG 17

RESULT 168
BD202831

LOCUS 17 bp RNA linear PAT 17-JUL-2003

DEFINITION Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response.

ACCESSION BD202831.1 GI:33012601

VERSION BD202831.1

KEYWORDS JP 2002509721-A/5857

SOURCE Homo sapiens (human)

ORGANISM Homo sapiens

REFERENCE Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 17)
Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A.
Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response
Patent: JP 2002509721-A 5857 02-APR-2002;
RIBOZYME PHARMACEUTICALS INC

COMMENT OS Homo sapiens (human)
PN JP 2002509721-A/5857
PD 02-APR-2002
PF 24-MAR-1999 JP 2000541291
PR 27-MAR-1998 US 60/079678
PI PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
PI JAMES A MCSWIGGEN
PC C12N15/09, A61K31/7088, A61K31/7125, A61K48/00, A61P3/10, A61P17/06, PC
A61P29/00,
PC A61P35/00, A61P43/00, C12N5/10, C12N9/00//A61K35/76, C12N15/00, PC
C12N5/00
CC Method and reagent for treating diseases or conditions CC
concerning molecule
CC participating in vasculogenic response
FH Key Location/Qualifiers
FT source 1..17
FT /organism='Homo sapiens (human)'.
FEATURES source Location/Qualifiers
1..17
/organism='Homo sapiens'
/mol_type='genomic RNA'
/db_xref='taxon:9606'

Query Match 3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 537 CCTCTGCTCCTAGGCC 552
Db 1 CCTCTGCTCCAGGCG 16

RESULT 169
A95633/c

LOCUS 18 bp DNA linear PAT 26-JAN-2000

DEFINITION Sequence 35 from Patent WO9925815.

ACCESSION A95633

VERSION A95633.1 GI:6779570

KEYWORDS .

SOURCE unidentified
unidentified
unclassified.

REFERENCE 1 (bases 1 to 18)
AUTHORS Herrmann,B. and Kispert,A.
TITLE NUCLEIC ACIDS INVOLVED IN THE RESPONDER PHENOTYPE AND APPLICATIONS
JOURNAL THERIOF
Patent: WO 925815-A 35 27-MAY-1999;
HERRMANN BERNHARD (DE); MAX PLANCK GESELLSCHAFT (DE)
FEATURES
source
1. .18
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

Query Match 3.2%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 560 CGAGCTCCTCCAGAC 575
Db 16 CAAGCTCCTCCCAAC 1
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RESULT 170
AR092847/C
LOCUS AR092847 18 bp DNA linear PAT 08-SEP-2000
DEFINITION Sequence 62 from patent US 5998206.
ACCESSION AR092847
VERSION AR092847.1 GI:10019599
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
AUTHORS Cowser,L.M.
TITLE Antisense inhibitor of human G-alpha-12 expression
JOURNAL Patent: US 5998206-A 62 07-DEC-1999;
FEATURES
source
1. .18
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 3.2%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 701 CCTCCAGCGAGTCCCA 716
Db 17 CCTCCAGCGAGTACGA 2
|||||

RESULT 171
E30569
LOCUS E30569 18 bp DNA linear PAT 18-JUN-2001
DEFINITION Neurogenesis-inductive gene.
ACCESSION E30569
VERSION E30569.1 GI:13017139
KEYWORDS JP 1999341985-A/22.
SOURCE unidentified
ORGANISM unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Katsuhiko,M., Jun,A., Kenji,N. and Katsumori,N.
TITLE Neurogenesis-inductive gene
JOURNAL Patent: JP 1999341985-A 22 14-DEC-1999;
RIKAGAKU KENKYUSHO
COMMENT
OS Unidentified
PN JP 1999341985-A/22
PD 14-DEC-1999
PF 30-APR-1998 JP 1998121456
PR
PI KATSUHIKO MIKOSHIBA,JUN ARIGA,KENJI NAGAI,KATSUMORI NAKATA,PC
C12N15/09,A61K35/74,A61K38/00,A61K38/00,A61K48/00,PC
C07K14/47,
PC C12N1/21,C12N5/10,C12P21/02// (C12N15/09,C12R1:91), (C12N1/21,

PC (C12R1:19),
PC (C12N5/10,C12R1:91), (C12P21/02,C12R1:91), (C12P21/02,C12R1:19),
PC C12N15/00,
PC A61K37/02,A61K37/02,C12N5/00, (C12N15/00,C12R1:91), (C12N5/00,
PC C12R1:91)
CC Strandedness: Single;
CC Topology: Linear;
FH Key
FT source
1. .18
/organism="Unidentified".
FEATURES
source
1. .18
Location/Qualifiers
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

Query Match 3.2%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 597 CTACACACAGAGTAC 612
Db 3 CCAGACACAGAGTAC 18
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RESULT 172
AR200637
LOCUS AR200637 18 bp DNA linear PAT 20-APR-2002
DEFINITION Sequence 26 from patent US 6358680.
ACCESSION AR200637
VERSION AR200637.1 GI:20251525
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Beck,J.Joseph.
TITLE Detection of wheat and barley fungal pathogens using the polymerase
JOURNAL chain reaction
FEATURES Patent: US 6358680-A 26 19-MAR-2002;
source
1. .18
Location/Qualifiers
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 3.2%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 707 GCGAGTCCCAGAGAG 722
Db 2 GCGAGTCTCGGAGAG 17
|||||

RESULT 173
AR268857
LOCUS AR268857 18 bp DNA linear PAT 10-APR-2003
DEFINITION Sequence 25 from patent US 650637.
ACCESSION AR268857
VERSION AR268857.1 GI:29699553
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Mikoshiba,K., Aruga,J., Nagai,T. and Nakata,K.
TITLE Neurogenesis inducing genes
JOURNAL Patent: US 650637-A 25 31-DEC-2002;
FEATURES
source
1. .18
Location/Qualifiers
/organism="unknown"
/mol_type="genomic DNA"

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Query Match          3.2%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 597 CTACACACAGAGTAC 612
Db 3 CCAGACACAGAGTAC 18

RESULT 174
AR429232/c
LOCUS AR429232 18 bp DNA linear PAT 18-DEC-2003
DEFINITION Sequence 35 from patent US 6642369.
ACCESSION AR429232
VERSION AR429232.1 GI:40189381
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Herrmann,B., Koschorz,B. and Kispert,A.
TITLE Nucleic acids involved in the responder phenotype and applications thereof
JOURNAL Patent: US 6642369-A 35 04-NOV-2003;
FEATURES
source Location/Qualifiers
    1..18
    /organism="unknown"
    /mol_type="genomic DNA"

Query Match          3.2%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 560 CCAGCTCTCCCGAGC 575
Db 16 CAAGCTCTCCCAAC 1

RESULT 175
AX404184/c
LOCUS AX404184 18 bp DNA linear PAT 14-JUN-2002
DEFINITION Sequence 10 from Patent WO0224747.
ACCESSION AX404184
VERSION AX404184.1 GI:21437465
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Brinkmann,U. and Hoffmeyer,S.
TITLE Polymorphisms in human genes of cardiovascular regulators and their use in diagnostic and therapeutic applications
JOURNAL Patent: WO 0224747-A 10 28-MAR-2002;
FEATURES
source Location/Qualifiers
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    /organism="synthetic construct"
    /mol_type="unassigned DNA"
    /db_xref="taxon:32630"
    /notes="artificial sequence"

Query Match          3.2%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 550 GCCTCCCGAGCGAGCT 565
Db 18 GCCTCCCGAGCGAGCT 3

RESULT 176
BD091437/c
LOCUS BD091437 18 bp DNA linear PAT 27-AUG-2002
```

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DEFINITION Nucleic acids involved in the responder phenotype and applications thereof.
ACCESSION BD091437
VERSION BD091437.1 GI:22637048
KEYWORDS JP 2001523449-A/26.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 18)
AUTHORS Herrmann,B., Koschorz,B. and Kispert,A.
TITLE Nucleic acids involved in the responder phenotype and applications thereof
JOURNAL Patent: JP 2001523449-A 26 27-NOV-2001;
COMMENT MAX PLANCK GESELLSCHAFT ZUR FOERDERUNG DER WISSENSCHAFTEN EV
OS Artificial Sequence
PN JP 2001523449-A/26
PD 27-NOV-2001
PF 18-NOV-1998 JP 2000521181
PR 18-NOV-1997 EP 97120190.0,02-MAR-1998 EP 98103596.7 PI
BERNHARD HERRMANN,BIRGIT KOSCHORZ,ANDREAS KISPERT PC
C12N15/09,A01K67/027,A61K31/7088,A61K38/45,A61K39/395,A61K48/ PC
00,A61P15/16.
PC C07K16/40,C12N1/15,C12N1/19,C12N1/21,C12N5/10,C12N9/12 PC
,C12Q1/68//A61K35/12,
PC C12P21/08,C12N15/00,A61K37/52,C12N5/00
CC Description of Artificial Sequence: synthetic no-natural CC
origin
FH Key Location/Qualifiers
FT source 1..18
FT Location/Qualifiers
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    /organism="synthetic construct"
    /mol_type="genomic DNA"
    /db_xref="taxon:32630"

Query Match          3.2%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 560 CCAGCTCTCCCGAGC 575
Db 16 CAAGCTCTCCCAAC 1

RESULT 177
BD137912
LOCUS BD137912 18 bp DNA linear PAT 18-SEP-2002
DEFINITION Detection of wheat and barley fungal pathogens using the polymerase chain reaction.
ACCESSION BD137912
VERSION BD137912.1 GI:23232857
KEYWORDS JP 2002504347-A/26.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 18)
AUTHORS Beck,J.J.
TITLE Detection of wheat and barley fungal pathogens using the polymerase chain reaction
JOURNAL Patent: JP 2002504347-A 26 12-FEB-2002;
COMMENT NOVARTIS AG
OS Artificial Sequence
PN JP 2002504347-A/26
PD 12-FEB-2002
PF 18-FEB-1999 JP 2000532549
PR 20-FEB-1998 US 09/026601
PT JAMES JOSEPH BECK
PC C12N15/09,C12Q1/68,C12N15/00
CC Description of Artificial Sequence: primer JB660 FH Key
    Location/Qualifiers
    1..18
    /organism="Artificial Sequence".
    FT source
    FT
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schultz149-3.rge

FEATURES
source
1..18
Location/Qualifiers
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 3.2%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 707 GCGAGTCCGAGAG 722
Db 2 GCGAGTCTCGGAGAG 17

RESULT 178
AX115547
LOCUS AX115547 18 bp DNA linear PAT 11-MAY-2001
DEFINITION Sequence 670 from Patent WO0129262.
ACCESSION AX115547
VERSION AX115547.1 GI:14032489

KEYWORDS
synthetic construct
synthetic construct
artificial sequences.
ORGANISM

REFERENCE
1 Picoult-Newburg, L. and Pohl, M.
AUTHORS Picoult-Newburg, L. and Pohl, M.
TITLE Genotyping reagents, kits and methods of use thereof
JOURNAL Patent: WO 0129262-A 670 26-APR-2001;
Orchid Biosciences, Inc. (US)

FEATURES
source
1..18
Location/Qualifiers
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Primer"

Query Match 3.2%; Score 12.6; DB 1; Length 18;
Best Local Similarity 92.3%; Pred. No. 1.7e+02;
Matches 12; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 548 AGGCTTCCCGAGC 560
Db 6 AGGCTTCCCGAGC 18

RESULT 179
BD203570
LOCUS BD203570 14 bp RNA linear PAT 17-JUL-2003
DEFINITION Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response.
ACCESSION BD203570
VERSION BD203570.1 GI:33013340
KEYWORDS JP 2002509721-A/6596.
SOURCE Homo sapiens (human)

ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1 (bases 1 to 14)
AUTHORS Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and McSwiggen, J.A.
TITLE Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response
JOURNAL Patent: JP 2002509721-A 6596 02-APR-2002;
RIBOZYME PHARMACEUTICALS INC

COMMENT
OS Homo sapiens (human)
PN JP 2002509721-A/6596
PD 02-APR-2002
PE 24-MAR-1999 JP 2000541291
PR 27-MAR-1998 US 60/079678
PI FAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
PI JAMES A MCSWIGGEN
PC

C12N15/09, A61K31/7088, A61K31/7125, A61K48/00, A61P3/10, A61P17/06, PC

A61P29/00, A61P35/00, A61P43/00, C12N5/10, C12N9/00//A61K35/76, C12N15/00, PC
PC A61P35/00, A61P43/00, C12N5/10, C12N9/00//A61K35/76, C12N15/00, PC
C12N5/00
CC Method and reagent for treating diseases or conditions CC
concerning molecule
CC participating in vasculogenic response
FH key Location/Qualifiers
FT source 1..14
FT /organism="Homo sapiens (human)".
FEATURES
source
1..14
Location/Qualifiers
/organism="Homo sapiens"
/mol_type="genomic RNA"
/db_xref="taxon:9606"

Query Match 3.1%; Score 12.4; DB 1; Length 14;
Best Local Similarity 92.9%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 537 CCTCTGCTCTAGG 550
Db 1 CCTCTGCTCCAGG 14

RESULT 180
AR041947/c
LOCUS AR041947 15 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 737 from patent US 5811300.
ACCESSION AR041947
VERSION AR041947.1 GI:5962443

KEYWORDS
Unknown.
SOURCE Unknown.
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 15)
AUTHORS Sullivan, S., Draper, K., Kisich, K., Stinchcomb, D.T. and McSwiggen, J.
TITLE TNF- α ribozymes
JOURNAL Patent: US 5811300-A 737 22-SEP-1998;
FEATURES
source
1..15
Location/Qualifiers
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 3.1%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 1.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 840 TCTCTGAAGACAGC 853
Db 14 TGTCTGAAGACAGC 1

RESULT 181
AR041948/c
LOCUS AR041948 15 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 738 from patent US 5811300.
ACCESSION AR041948
VERSION AR041948.1 GI:5962444

KEYWORDS
Unknown.
SOURCE Unknown.
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 15)
AUTHORS Sullivan, S., Draper, K., Kisich, K., Stinchcomb, D.T. and McSwiggen, J.
TITLE TNF- α ribozymes
JOURNAL Patent: US 5811300-A 738 22-SEP-1998;
FEATURES
source
1..15
Location/Qualifiers
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 3.1%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 1.4e+02;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 840 TCTCTGAGACAGC 853
Db 14 TCTCTGAGACAGC 1

RESULT 182
AR130732
LOCUS
DEFINITION Sequence 19 from patent US 6190866.
ACCESSION AR130732
VERSION AR130732.1 GI:14119057
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 15)
AUTHORS Nielsen, P.E. and Good, L.
TITLE Methods of bacterial gene function determination using peptide nucleic acids
JOURNAL Patent: US 6190866-A 19 20-FEB-2001;
FEATURES Location/Qualifiers
source 1..15
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 3.1%; Score 12.4; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.4e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 830 TCTCTTTTCTCTCT 844
Db 1 TCTCTTTTCTCTCT 15

RESULT 185
AX207070/c
LOCUS
DEFINITION Sequence 23 from Patent WO0153476.
ACCESSION AX207070
VERSION AX207070.1 GI:15394862
KEYWORDS Rice tungro bacilliform virus
SOURCE Rice tungro bacilliform virus
ORGANISM Viruses; Retroviruses; Caulimoviridae; Rice tungro bacilli-form-like viruses.

REFERENCE 1
AUTHORS Bruce, W.B. and Niu, X.
TITLE Novel plant promoters and methods of use
JOURNAL Patent: WO 0153476-A 23 26-JUL-2001;
PIONEER HI-BRED INTERNATIONAL, INC. (US)
FEATURES Location/Qualifiers
source 1..15
/organism="Rice tungro bacilliform virus"
/mol_type="unassigned DNA"
/db_xref="taxon:10654"

Query Match 3.1%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 1.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 684 CCAGGGCCACACTG 697
Db 15 CCAGGGCCACACTG 2

RESULT 186
AX358115/c
LOCUS
DEFINITION Sequence 10 from Patent WO0194394.
ACCESSION AX358115
VERSION AX358115.1 GI:18674862
KEYWORDS
SOURCE Oryza sativa
ORGANISM Oryza sativa
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae; Ehrhartoideae; Oryzae; Oryza.

REFERENCE 1
AUTHORS Jilka, J.M., Hood, E.B. and Howard, J.A.
TITLE Novel plant promoter sequences and methods of use for same
JOURNAL Patent: WO 0194394-A 10 13-DEC-2001;
Prodigene, Inc. (US)
FEATURES Location/Qualifiers
source 1..15
/organism="Oryza sativa"
/mol_type="unassigned DNA"

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 840 TCTCTGAGACAGC 853
Db 14 TCTCTGAGACAGC 1

RESULT 182
AR130732
LOCUS
DEFINITION Sequence 19 from patent US 6190866.
ACCESSION AR130732
VERSION AR130732.1 GI:14119057
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 15)
AUTHORS Nielsen, P.E. and Good, L.
TITLE Methods of bacterial gene function determination using peptide nucleic acids
JOURNAL Patent: US 6190866-A 19 20-FEB-2001;
FEATURES Location/Qualifiers
source 1..15
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 3.1%; Score 12.4; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.4e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 830 TCTCTTTTCTCTCT 844
Db 1 TCTCTTTTCTCTCT 15

RESULT 183
AR300230
LOCUS
DEFINITION Sequence 32 from patent US 6537775.
ACCESSION AR300230
VERSION AR300230.1 GI:31687649
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 15)
AUTHORS Tournier-Lasserre, E., Joutel, A., Bousser, M.-G. and Bach, J.-F.
TITLE Gene involved in cadasil, method of diagnosis and therapeutic application
JOURNAL Patent: US 6537775-A 32 25-MAR-2003;
FEATURES Location/Qualifiers
source 1..15
/organism="unknown"
/mol_type="genomic DNA"

Query Match 3.1%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 1.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 680 ACCCCGAGGCCAC 693
Db 2 ACCCCGAGGCCAC 15

RESULT 184
AR370354
LOCUS
DEFINITION Sequence 19 from patent US 6300318.
ACCESSION AR370354
VERSION AR370354.1 GI:34606882
KEYWORDS
SOURCE Unknown.

/db_xref="taxon:4530"

Query Match 3.1%; Score 12.4; DB 1; Length 15;

Best Local Similarity 92.9%; Pred. No. 1.4e+02; Mismatches 0; Indels 0; Gaps 0;

QY 684 CCAGGGCCACACTG 697
Db 15 CCAGGGCCACACTG 2

RESULT 187
AX637431/c
LOCUS AX637431/c 15 bp RNA linear PAT 21-FEB-2003
DEFINITION Sequence 4570 from Patent EP1260586.
ACCESSION AX637431
VERSION AX637431.1 GI:28473045

KEYWORDS
SOURCE
ORGANISM
unidentified
unclassified.

REFERENCE 1
AUTHORS Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Drenzo,A., Karpelisky,A., Draper,K.G., Kisch,K., Matulic-Adamic,J., McSwiggen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M., Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and Woolf,T.
TITLE Method and reagent for inhibiting the expression of disease related genes

JOURNAL Patent: EP 1260586-A 4570 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)

FEATURES
source
1..15
/organism="unidentified"
/mol_type="unassigned RNA"
/db_xref="taxon:32644"

Query Match 3.1%; Score 12.4; DB 1; Length 15;

Best Local Similarity 92.9%; Pred. No. 1.4e+02; Mismatches 0; Indels 0; Gaps 0;

QY 840 TCCTCTGAAGACAGC 853
Db 14 TGCTCTGAAGACAGC 1

RESULT 188
AX637432/c
LOCUS AX637432 15 bp RNA linear PAT 21-FEB-2003
DEFINITION Sequence 4571 from Patent EP1260586.
ACCESSION AX637432

VERSION AX637432.1 GI:28473046
KEYWORDS
SOURCE
ORGANISM
unidentified
unclassified.

REFERENCE 1
AUTHORS Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Drenzo,A., Karpelisky,A., Draper,K.G., Kisch,K., Matulic-Adamic,J., McSwiggen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M., Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and Woolf,T.
TITLE Method and reagent for inhibiting the expression of disease related genes

JOURNAL Patent: EP 1260586-A 4571 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)

FEATURES
source
1..15
/organism="unidentified"
/mol_type="unassigned RNA"
/db_xref="taxon:32644"

Query Match 3.1%; Score 12.4; DB 1; Length 15;

Best Local Similarity 92.9%; Pred. No. 1.4e+02; Mismatches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 840 TCCTCTGAAGACAGC 853
Db 14 TCCTCTGAAGACAGC 1

RESULT 189
AR150616/c
LOCUS AR150616 16 bp DNA linear PAT 08-AUG-2001
DEFINITION Sequence 36 from patent US 6228982.
ACCESSION AR150616
VERSION AR150616.1 GI:15115207

KEYWORDS
SOURCE
ORGANISM
Unknown.
Unclassified.

REFERENCE 1 (bases 1 to 16)
AUTHORS Norden,B., Wittung,P., Buchardt,O., Egholm,M., Nielsen,P.E. and Berg,R.
TITLE Double-stranded peptide nucleic acids

JOURNAL Patent: US 6228982-A 36 08-MAY-2001;
FEATURES
source
1..16
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 3.1%; Score 12.4; DB 1; Length 16;

Best Local Similarity 92.9%; Pred. No. 1.5e+02; Mismatches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 829 GTCCTTTTCTCTCT 842
Db 16 GTCCTTTTCTCTCT 3

RESULT 190

AR371296/c
LOCUS AR371296 16 bp DNA linear PAT 12-SEP-2003
DEFINITION Sequence 33 from patent US 6395474.
ACCESSION AR371296
VERSION AR371296.1 GI:34608228

KEYWORDS
SOURCE
ORGANISM
Unknown.
Unclassified.

REFERENCE 1 (bases 1 to 16)
AUTHORS Buchardt,O., Egholm,M., Nielsen,P.E. and Berg,R.H.
TITLE Peptide nucleic acids
JOURNAL Patent: US 6395474-A 33 28-MAY-2002;
FEATURES
source
1..16
/organism="unknown"
/mol_type="genomic DNA"

Query Match 3.1%; Score 12.4; DB 1; Length 16;

Best Local Similarity 92.9%; Pred. No. 1.5e+02; Mismatches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 829 GTCCTTTTCTCTCT 842
Db 16 GTCCTTTTCTCTCT 3

RESULT 191

AX370480
LOCUS AX370480 16 bp DNA linear PAT 16-FEB-2002
DEFINITION Sequence 12 from Patent WO20204952.
ACCESSION AX370480

VERSION AX370480.1 GI:18857522
KEYWORDS
SOURCE
synthetic construct

ORGANISM synthetic construct
REFERENCE artificial sequences.
1
Altevogt,P. and Fogel,M.
Diagnostc and therapeutic methods based on the l1 adhesion
molecule for ovarian and endometrial tumors
TITLE Patent: WO 0204952-A 12 17-JAN-2002;
JOURNAL Deutsches Krebsforschungszentrum Stiftung des Oeffentlichen Rechts
(DE) ; MOR-RESEARCH APPLICATIONS LTD. (IL)
FEATURES Location/Qualifiers
1..16
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="primer"
Query Match 3.1%; Score 12.4; DB 1; Length 16;
Best Local Similarity 92.9%; Pred. No. 1.5e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 711 CTCCTCGAGAGTG 724
|||||
3 GTCCCTGGAGAGTG 16
DB
BD198664 17 bp RNA linear PAT 17-JUL-2003
Method and reagent for treating diseases or conditions concerning
molecule participating in vasculogenic response.
BD198664
BD198664.1 GI:33008434
JP 2002509721-A/1690.
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1 (bases 1 to 17)
AUTHORS Pavco,P.A., Roberts,E., Jarvis,T., Coeshott,C. and Mcswiggen,J.A.
TITLE Method and reagent for treating diseases or conditions concerning
molecule participating in vasculogenic response
JOURNAL Patent: JP 2002509721-A 1690 02-APR-2002;
RIBOZYME PHARMACEUTICALS INC
OS Homo sapiens (human)
PN JP 2002509721-A/1690
PD 02-APR-2002
PF 24-MAR-1999 JP 2000541291
PR 27-MAR-1998 US 60/079678
PI PAMELA A PAVCO,ELISABETH ROBERTS,THALE JARVIS,CLAIRE COESHOTT,
PI JAMES A MCSWIGGEN
PC C12N15/09,A61K31/7088,A61K31/7125,A61K48/00,A61P3/10,A61P17/06, PC
A61P29/00,
PC A61P35/00,A61P43/00,C12N5/10,C12N9/00//A61K35/76,C12N15/00, PC
C12N5/00
CC Method and reagent for treating diseases or conditions CC
concerning molecule
CC participating in vasculogenic response
FH Key Location/Qualifiers
FT source 1..17
FT /organism='Homo sapiens (human)'.
FEATURES Location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="genomic RNA"
/db_xref="taxon:9606"
Query Match 3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 803 CTCCTCGAATC 816
|||||
17 CTCCTCGAATC 4
Db
RESULT 193
AR001349 17 bp DNA linear PAT 04-DEC-1998
LOCUS Sequence 3 from patent US 5739101.
DEFINITION AR001349
ACCESSION AR001349
VERSION AR001349.1 GI:3963416
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Roy,S. and Vohar,G.A.
TITLE Tissue factor mutants useful for the treatment of myocardial
infarction and coagulopathic disorders
JOURNAL Patent: US 5739101-A 3 14-APR-1998;
FEATURES Location/Qualifiers
1..17
/organism="unknown"
/mol_type="unassigned DNA"
Query Match 3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 871 AACACTTTCCTGAG 884
|||||
2 AACACTTTCCTAAG 15
DB
AR009341 17 bp DNA linear PAT 04-DEC-1998
LOCUS Sequence 109 from patent US 5756291.
DEFINITION AR009341
ACCESSION AR009341
VERSION AR009341.1 GI:3968146
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Griffin,L., Albrecht,G., Latham,J., Leung,L., Vermaas,E. and
Toole,J.J.
TITLE Aptamers specific for biomolecules and methods of making
JOURNAL Patent: US 5756291-A 109 26-MAY-1998;
FEATURES Location/Qualifiers
1..17
/organism="unknown"
/mol_type="unassigned DNA"
Query Match 3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 565 TCCTCCAGACCAA 578
|||||
17 TCACCCAGACCAA 4
DB
AR057479 17 bp DNA linear PAT 29-SEP-1999
LOCUS Sequence 1683 from patent US 5837542.
DEFINITION AR057479
ACCESSION AR057479
VERSION AR057479.1 GI:5983056
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and

Draper, K.G.
TITLE Intercellular adhesion molecule-1 (ICAM-1) ribozymes
JOURNAL Patent: US 5837542-A 1683 17-NOV-1998;
FEATURES Location/Qualifiers

source
1. .17
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 866 GTTGGAACTTTC 879
Db 14 GTTGGAACTTTC 1

RESULT 196
AR057569/c

LOCUS AR057569 17 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 1773 from patent US 5837542.

ACCESSION AR057569
VERSION AR057569.1 GI:5983146

KEYWORDS
SOURCE Unknown.

ORGANISM
Unclassified.

REFERENCE 1 (bases 1 to 17)
AUTHORS Grimm, S., Stinchcomb, D.T., McSwiggen, J., Sullivan, S. and Draper, K.G.

TITLE Intercellular adhesion molecule-1 (ICAM-1) ribozymes
JOURNAL Patent: US 5837542-A 1773 17-NOV-1998;
FEATURES Location/Qualifiers

source
1. .17
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 866 GTTGGAACTTTC 879
Db 14 GTTGGAACTTTC 1

RESULT 197
AR057651/c

LOCUS AR057651 17 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 1855 from patent US 5837542.

ACCESSION AR057651
VERSION AR057651.1 GI:5983228

KEYWORDS
SOURCE Unknown.

ORGANISM
Unclassified.

REFERENCE 1 (bases 1 to 17)
AUTHORS Grimm, S., Stinchcomb, D.T., McSwiggen, J., Sullivan, S. and Draper, K.G.

TITLE Intercellular adhesion molecule-1 (ICAM-1) ribozymes
JOURNAL Patent: US 5837542-A 1855 17-NOV-1998;
FEATURES Location/Qualifiers

source
1. .17
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 866 GTTGGAACTTTC 879
Db 14 GTTGGAACTTTC 1

RESULT 198
AR060806/c

LOCUS AR060806 17 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 50 from patent US 5840867.

ACCESSION AR060806
VERSION AR060806.1 GI:5987256

KEYWORDS
SOURCE Unknown.

ORGANISM
Unclassified.

REFERENCE 1 (bases 1 to 17)
AUTHORS Toole, J.J., Griffin, L.C., Bock, L.C. and Latham, J.A.

TITLE Aptamer analogs specific for biomolecules
JOURNAL Patent: US 5840867-A 50 24-NOV-1998;
FEATURES Location/Qualifiers

source
1. .17
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 565 TCCTCCCGACCAA 578
Db 17 TCCACCCGACCAA 4

RESULT 199
AR115237/c

LOCUS AR115237 17 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 1683 from patent US 6132967.

ACCESSION AR115237
VERSION AR115237.1 GI:14095559

KEYWORDS
SOURCE Unknown.

ORGANISM
Unclassified.

REFERENCE 1 (bases 1 to 17)
AUTHORS Grimm, S., Stinchcomb, D.T., McSwiggen, J., Sullivan, S. and Draper, K.G.

TITLE Ribozyme treatment of diseases or conditions related to levels of intercellular adhesion molecule-1 (ICAM-1)

JOURNAL Patent: US 6132967-A 1683 17-OCT-2000;
FEATURES Location/Qualifiers

source
1. .17
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 866 GTTGGAACTTTC 879
Db 14 GTTGGAACTTTC 1

RESULT 200
AR115327/c

LOCUS AR115327 17 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 1773 from patent US 6132967.

ACCESSION AR115327
VERSION AR115327.1 GI:14095649

KEYWORDS
SOURCE Unknown.

ORGANISM
Unclassified.

REFERENCE 1 (bases 1 to 17)
AUTHORS Grimm, S., Stinchcomb, D.T., McSwiggen, J., Sullivan, S. and Draper, K.G.

TITLE Ribozyme treatment of diseases or conditions related to levels of intercellular adhesion molecule-1 (ICAM-1)
JOURNAL Patent: US 6132967-A 1773 17-OCT-2000;
FEATURES Location/Qualifiers
source 1. .17
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 866 GTTGGACACTTTC 879
|||||
Db 14 GTTGGACACTTTC 1

RESULT 201
AR115409/c
LOCUS AR115409 17 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 1855 from patent US 6132967.
ACCESSION AR115409
VERSION AR115409.1 GI:14095731
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and Draper,K.G.
TITLE Ribozyme treatment of diseases or conditions related to levels of intercellular adhesion molecule-1 (ICAM-1)
JOURNAL Patent: US 6132967-A 1855 17-OCT-2000;
FEATURES Location/Qualifiers
source 1. .17
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 866 GTTGGACACTTTC 879
|||||
Db 14 GTTGGACACTTTC 1

RESULT 202
BD241108/c
LOCUS BD241108 17 bp DNA linear PAT 17-JUL-2003
DEFINITION Methods and products related to genotyping and DNA analysis.
ACCESSION BD241108
VERSION BD241108.1 GI:33050878
KEYWORDS JP 2002525127-A/55.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE 1 (bases 1 to 17)
AUTHORS Landers,J.E., Jordan,B., Housman,D.E. and Charest,A.
TITLE Methods and products related to genotyping and DNA analysis
JOURNAL Patent: JP 2002525127-A 55 13-AUG-2002;
COMMENT MASSACHUSETTS INSTITUTE OF TECHNOLOGY
OS Homo sapiens (human)
PN JP 2002525127-A/55
PD 13-AUG-2002
PF 24-SEP-1999 JP 2000572407
PR 25-SEP-1998 US 60/101757
PI JOHN E LANDERS, BARBARA JORDAN, DAVID E HOUSMAN, ALAIN CHAREST PC
C12N15/09, C12Q1/68, G01N33/53, G01N33/566, G01N33/58, G01N37/00, PC
G01N37/00,
PC C12N15/00
CC Methods and products related to genotyping and DNA analysis FH

TITLE Ribozyme treatment of diseases or conditions related to levels of intercellular adhesion molecule-1 (ICAM-1)
JOURNAL Patent: US 6132967-A 1773 17-OCT-2000;
FEATURES Location/Qualifiers
source 1. .17
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 866 GTTGGACACTTTC 879
|||||
Db 14 GTTGGACACTTTC 1

RESULT 203
I31585/c
LOCUS I31585 17 bp DNA linear PAT 06-FEB-1997
DEFINITION Sequence 37 from patent US 5582981.
ACCESSION I31585
VERSION I31585.1 GI:1822376
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Toole,J.J., Latham,J., Bock,L.C. and Griffin,L.C.
TITLE Method for identifying an oligonucleotide aptamer specific for a target
JOURNAL Patent: US 5582981-A 37 10-DEC-1996;
FEATURES Location/Qualifiers
source 1. .17
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 565 TCCTCCACAGACCAA 578
|||||
Db 17 TCCTCCACAGACCAA 4

RESULT 204
I32829
LOCUS I32829 17 bp DNA linear PAT 06-FEB-1997
DEFINITION Sequence 3 from patent US 5589363.
ACCESSION I32829
VERSION I32829.1 GI:1823620
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Roy,S. and Vohar,G.A.
TITLE DNA encoding tissue factor mutants useful for the treatment of myocardial infarction and coagulopathic disorders
JOURNAL Patent: US 5589363-A 3 31-DEC-1996;
FEATURES Location/Qualifiers
source 1. .17
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 871 AACACTTCCTGAG 884
|||||

Key Location/Qualifiers
FT source 1. .17
/organism="Homo sapiens (human)"
FEATURES Location/Qualifiers
source 1. .17
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

Query Match 3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 819 GCTTGGCTGTCT 832
|||||
Db 17 GCTTGGCTGTCT 4

RESULT 203
I31585/c
LOCUS I31585 17 bp DNA linear PAT 06-FEB-1997
DEFINITION Sequence 37 from patent US 5582981.
ACCESSION I31585
VERSION I31585.1 GI:1822376
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Toole,J.J., Latham,J., Bock,L.C. and Griffin,L.C.
TITLE Method for identifying an oligonucleotide aptamer specific for a target
JOURNAL Patent: US 5582981-A 37 10-DEC-1996;
FEATURES Location/Qualifiers
source 1. .17
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 565 TCCTCCACAGACCAA 578
|||||
Db 17 TCCTCCACAGACCAA 4

RESULT 204
I32829
LOCUS I32829 17 bp DNA linear PAT 06-FEB-1997
DEFINITION Sequence 3 from patent US 5589363.
ACCESSION I32829
VERSION I32829.1 GI:1823620
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Roy,S. and Vohar,G.A.
TITLE DNA encoding tissue factor mutants useful for the treatment of myocardial infarction and coagulopathic disorders
JOURNAL Patent: US 5589363-A 3 31-DEC-1996;
FEATURES Location/Qualifiers
source 1. .17
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 871 AACACTTCCTGAG 884
|||||

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Db      2  RACACTTCTCTAAG 15

RESULT 205
AX045194/c
LOCUS   AX045194          17 bp  DNA    linear    PAT 24-NOV-2000
DEFINITION
Sequence 36 from Patent WO0066154.
ACCESSION
AX045194
VERSION  AX045194.1  GI:11343779
KEYWORDS
SOURCE   synthetic construct
ORGANISM synthetic construct
          artificial sequences.
REFERENCE
1
AUTHORS  McLeod,R.W., Roberts,C., Roberts,F., Johnson,J., Kirisits,M.,
          Ferguson,D., Lyons,R., Mull,E., Haeelkorn,R., Mack,D., Samuel,B.,
          Gornicki,P. and Zuther,E.
TITLE    Anti-microbial agents, diagnostic reagents, and vaccines based on
          apicomplexan parasite components
JOURNAL  Patent: WO 0066154-A 36 09-NOV-2000;
          Arch Development Corporation (US) ; MRJ Trust (US) ; McLeod, Rima
          W. (US) ; Roberts, Craig (GB) ; Roberts, Fiona (GB) ; Johnson,
          Jennifer (US)
FEATURES
source
          Location/Qualifiers
          1..17
          /organism="synthetic construct"
          /mol_type="unassigned DNA"
          /db_xref="taxon:32630"
          /note="primer"

Query Match      3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      822  TGGCTGTGTCCTT 835
Db      16  TGGCTGTTCCTT 3

RESULT 206
AX217695/c
LOCUS   AX217695          17 bp  RNA    linear    PAT 07-SEP-2001
DEFINITION
Sequence 3137 from Patent WO0159103.
ACCESSION
AX217695
VERSION  AX217695.1  GI:15527756
KEYWORDS
SOURCE   synthetic construct
ORGANISM synthetic construct
          artificial sequences.
REFERENCE
1
AUTHORS  Blatt,L., Mcswiggen,J. and Chowrira,B.M.
TITLE    Method and reagent for the modulation and diagnosis of cd20 and
          nogo gene expression
JOURNAL  Patent: WO 0159103-A 3137 16-AUG-2001;
          RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;
          McSwiggen, James (US) ; Chowrira, Bharat M. (US)
FEATURES
source
          Location/Qualifiers
          1..17
          /organism="synthetic construct"
          /mol_type="unassigned RNA"
          /db_xref="taxon:32630"
          /note="Nucleic Acid"

Query Match      3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      550  GCTCTCCCGAGCGAG 563
Db      17  GCTCTCCCGAGAG 4

RESULT 207
AX217695/c
LOCUS   AX217695          17 bp  RNA    linear    PAT 07-SEP-2001
DEFINITION
Sequence 3137 from Patent WO0159103.
ACCESSION
AX217695
VERSION  AX217695.1  GI:15527756
KEYWORDS
SOURCE   synthetic construct
ORGANISM synthetic construct
          artificial sequences.
REFERENCE
1
AUTHORS  Blatt,L., Mcswiggen,J. and Chowrira,B.M.
TITLE    Method and reagent for the modulation and diagnosis of cd20 and
          nogo gene expression
JOURNAL  Patent: WO 0159103-A 3137 16-AUG-2001;
          RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;
          McSwiggen, James (US) ; Chowrira, Bharat M. (US)
FEATURES
source
          Location/Qualifiers
          1..17
          /organism="synthetic construct"
          /mol_type="unassigned RNA"
          /db_xref="taxon:32630"
          /note="Nucleic Acid"

Query Match      3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      550  GCTCTCCCGAGCGAG 563
Db      17  GCTCTCCCGAGAG 4

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AX218253/c
LOCUS   AX218253          17 bp  RNA    linear    PAT 07-SEP-2001
DEFINITION
Sequence 3695 from Patent WO0159103.
ACCESSION
AX218253
VERSION  AX218253.1  GI:15528314
KEYWORDS
SOURCE   synthetic construct
ORGANISM synthetic construct
          artificial sequences.
REFERENCE
1
AUTHORS  Blatt,L., Mcswiggen,J. and Chowrira,B.M.
TITLE    Method and reagent for the modulation and diagnosis of cd20 and
          nogo gene expression
JOURNAL  Patent: WO 0159103-A 3695 16-AUG-2001;
          RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;
          McSwiggen, James (US) ; Chowrira, Bharat M. (US)
FEATURES
source
          Location/Qualifiers
          1..17
          /organism="synthetic construct"
          /mol_type="unassigned RNA"
          /db_xref="taxon:32630"
          /note="Nucleic Acid"

Query Match      3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      550  GCTCTCCCGAGCGAG 563
Db      16  GCTCTCCCGAGAG 3

RESULT 208
AX227689/c
LOCUS   AX227689          17 bp  RNA    linear    PAT 10-SEP-2001
DEFINITION
Sequence 1061 from Patent WO0157206.
ACCESSION
AX227689
VERSION  AX227689.1  GI:15556830
KEYWORDS
SOURCE   synthetic construct
ORGANISM synthetic construct
          artificial sequences.
REFERENCE
1
AUTHORS  Fattaey,A.R., Jarvis,T., Mcswiggen,J., Booher,R.N. and Holman,P.S.
TITLE    Method and reagent for the inhibition of checkpoint kinase-1 (CHK
          1) enzyme
JOURNAL  Patent: WO 0157206-A 1061 09-AUG-2001;
          RIBOZYME PHARMACEUTICALS, INC. (US) ; Fattaey, Ali R. (US)
FEATURES
source
          Location/Qualifiers
          1..17
          /organism="synthetic construct"
          /mol_type="unassigned RNA"
          /db_xref="taxon:32630"

Query Match      3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      799  AGAGCTCTCTCTCCA 812
Db      17  AAAGCTCTCTCTCCA 4

RESULT 209
AX324625/c
LOCUS   AX324625          17 bp  DNA    linear    PAT 02-SEP-2002
DEFINITION
Sequence 763 from Patent WO0192512.
ACCESSION
AX324625
VERSION  AX324625.1  GI:18095378
KEYWORDS
SOURCE   Zea mays
ORGANISM Zea mays
          Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;

```

Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae; PACCAD
clade; Panicoideae; Andropogoneae; Zea.

REFERENCE
AUTHORS
TITLE
JOURNAL
JOURNAL
UNIVERSITY OF DELAWARE (US)
FEATURES

Knier, E.B., Ganper, H.B., Rice, M.C. and Kim, J.
Targeted chromosomal genomic alterations in plants using modified
single stranded oligonucleotides
Patent: WO 0192512-A 763 06-DEC-2001;
UNIVERSITY OF DELAWARE (US)
Location/Qualifiers

source

1. .17
/organism="Zea mays"
/mol_type="unassigned DNA"
/db_xref="taxon:4577"

Query Match 3.1%; Score 12.4; DB 1; Length 17;

Best Local Similarity 92.9%; Pred. No. 1.7e+02; Indels 0; Gaps 0;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 540 CTGCTCTAGGCT 553

|||||

17 CTGCTCTAGGCT 4

RESULT 210

AX324626

LOCUS

DEFINITION

AX324626

ACCESSION

VERSION

AX324626.1 GI:18095379

KEYWORDS

SOURCE

ORGANISM

Zea mays

Zea mays

Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;

Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae; PACCAD

clade; Panicoideae; Andropogoneae; Zea.

REFERENCE

AUTHORS

Knier, E.B., Ganper, H.B., Rice, M.C. and Kim, J.

Targeted chromosomal genomic alterations in plants using modified

single stranded oligonucleotides

Patent: WO 0192512-A 764 06-DEC-2001;

UNIVERSITY OF DELAWARE (US)

Location/Qualifiers

1. .17

/organism="Zea mays"

/mol_type="unassigned DNA"

/db_xref="taxon:4577"

Query Match 3.1%; Score 12.4; DB 1; Length 17;

Best Local Similarity 92.9%; Pred. No. 1.7e+02; Indels 0; Gaps 0;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 540 CTGCTCTAGGCT 553

|||||

1 CTGCTCTAGGCT 4

RESULT 211

AX531604

LOCUS

DEFINITION

AX531604

ACCESSION

VERSION

AX531604.1 GI:25254998

KEYWORDS

SOURCE

ORGANISM

Homo sapiens

Homo sapiens

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE

AUTHORS

Shannon, M.

Human posh-like protein 1

Patent: EP 1239051-A 1113 11-SEP-2002;

Aeomica, Inc. (US)

source

1. .17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match

Best Local Similarity

Matches

13; Conservative

0; Mismatches

1; Indels

0; Gaps

0;

QY 744 GTAGGTCACGG 757

|||||

4 GTAGGTCACGG 17

RESULT 212

AX531610

LOCUS

DEFINITION

AX531610

ACCESSION

VERSION

AX531610.1 GI:25255010

KEYWORDS

SOURCE

ORGANISM

Homo sapiens

Homo sapiens

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE

AUTHORS

Shannon, M.

Human posh-like protein 1

Patent: EP 1239051-A 1119 11-SEP-2002;

Aeomica, Inc. (US)

Location/Qualifiers

1. .17

/organism="Homo sapiens"

/mol_type="unassigned DNA"

/db_xref="taxon:9606"

Query Match

Best Local Similarity

Matches

13; Conservative

0; Mismatches

1; Indels

0; Gaps

0;

QY 747 GGTCCTCAGGTC 760

|||||

1 GGTCCTCAGGTC 14

RESULT 213

AX634507/c

LOCUS

DEFINITION

AX634507

ACCESSION

VERSION

AX634507.1 GI:28470121

KEYWORDS

SOURCE

ORGANISM

unidentified

unidentified

unclassified.

REFERENCE

AUTHORS

Stinchcomb, D.T., Dudycz, L.W., Chowrira, B., Grimm, S., Drenzo, A.,

Karpeisky, A., Draper, K.G., Kisch, K., Matulis-Adamic, J.,

McSwiggan, J.A., Modak, A., Pavco, P., Beigelman, L., Sullivan, S.M.,

Sweedler, D., Thompson, J.D., Tracz, D., Usman, N., Wincott, F.E. and

Woolf, T.

Method and reagent for inhibiting the expression of disease related

genes

Patent: EP 1260586-A 1646 27-NOV-2002;

RIBOZYME PHARMACEUTICALS, INC. (US)

Location/Qualifiers

1. .17

/organism="unidentified"

/mol_type="unassigned RNA"

/db_xref="taxon:32644"

Query Match

Best Local Similarity

Matches

13; Conservative

0; Mismatches

1; Indels

0; Gaps

0;

QY 747 GGTCCTCAGGTC 760

|||||

1 GGTCCTCAGGTC 14

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Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 866 GTTGAACACTTTC 879
Db 14 GTTGAACACTTTC 1

RESULT 214
AX634589/c
LOCUS
DEFINITION
Sequence 1728 from Patent EP1260586.
ACCESSION
AX634589
VERSION
AX634589.1 GI:28470203
KEYWORDS
SOURCE
ORGANISM
unidentified
unclassified.
REFERENCE
1
AUTHORS
Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Direnzo,A.,
Karpeisky,A., Draper,K.G., Kisich,K., Matulic-Adamic,J.,
McSwiggen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M.,
Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and
Woolf,T.
TITLE
Method and reagent for inhibiting the expression of disease related
Genes
JOURNAL
Patent: EP 1260586-A 1728 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
FEATURES
Location/Qualifiers
source
1..17
/organism="unidentified"
/mol_type="unassigned RNA"
/db_xref="taxon:32644"

Query Match 3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 866 GTTGAACACTTTC 879
Db 14 GTTGAACACTTTC 1

RESULT 215
AX634752/c
LOCUS
DEFINITION
Sequence 1891 from Patent EP1260596.
ACCESSION
AX634752
VERSION
AX634752.1 GI:28470366
KEYWORDS
SOURCE
ORGANISM
unidentified
unclassified.
REFERENCE
1
AUTHORS
Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Direnzo,A.,
Karpeisky,A., Draper,K.G., Kisich,K., Matulic-Adamic,J.,
McSwiggen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M.,
Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and
Woolf,T.
TITLE
Method and reagent for inhibiting the expression of disease related
Genes
JOURNAL
Patent: EP 1260596-A 1891 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
FEATURES
Location/Qualifiers
source
1..17
/organism="unidentified"
/mol_type="unassigned RNA"
/db_xref="taxon:32644"

Query Match 3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 866 GTTGAACACTTTC 879
Db 14 GTTGAACACTTTC 1

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Db 14 GTTGAACACTTTC 1

RESULT 216
AX673910/c
LOCUS
DEFINITION
Sequence 2355 from Patent WO03004526.
ACCESSION
AX673910
VERSION
AX673910.1 GI:29332258
KEYWORDS
SOURCE
ORGANISM
Homo sapiens (human)
Homo sapiens
Homo sapiens
REFERENCE
1
AUTHORS
Telerman,A., Amson,R. and Tuijnder,M.
TITLE
Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or resistance to viruses and their use as
medicines
JOURNAL
Patent: WO 03004526-A 2355 16-JAN-2003;
Molecular Engines Laboratories (FR)
FEATURES
Location/Qualifiers
source
1..17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 536 TCCTCTGCTCTCTAG 549
Db 17 TCCTCTGCTCTCTAG 4

RESULT 217
AX722631/c
LOCUS
DEFINITION
Sequence 318 from Patent WO03025176.
ACCESSION
AX722631
VERSION
AX722631.1 GI:30423132
KEYWORDS
SOURCE
ORGANISM
Mus musculus (house mouse)
Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
REFERENCE
1
AUTHORS
Telerman,A., Amson,R. and Tuijnder,M.
TITLE
Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or virus resistance and their use as
medicines
JOURNAL
Patent: WO 03025176-A 318 27-MAR-2003;
Molecular Engines Laboratories (FR)
FEATURES
Location/Qualifiers
source
1..17
/organism="Mus musculus"
/mol_type="unassigned DNA"
/db_xref="taxon:10090"

Query Match 3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 679 GACCCCGAGGGCCA 692
Db 1 GATCCCGAGGGCCA 14

RESULT 218
AX725761/c
LOCUS
AX725761

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Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.
1
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source
Query Match
Best Local Similarity 3.1%; Score 12.4; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Cy 782 CAGCCCTCTGGTG 795
Dd 17 CAGCCCTCTGGAG 4
RESULT 221
AX761847/c
LOCUS
DEFINITION
Accession
Version
Keywords
Source
Organism
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source
Query Match
Best Local Similarity 3.1%; Score 12.4; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Cy 536 TCCTCTGCTCCTAG 549
Dd 17 TCCTCTGCTTCTAG 4
RESULT 222
AX762502
LOCUS
DEFINITION
Accession
Version
Keywords
Source
Organism
REFERENCE
AUTHORS
TITLE
JOURNAL

RESULT 226
BD132806/c

LOCUS
DEFINITION

BD132806 17 bp DNA linear PAT 18-SEP-2002
Improved method for isolating and recovering target DNA or RNA
molecules having a desired nucleotide sequence.

ACCESSION
BD132806

VERSION
JP 2002506352-A/6.

KEYWORDS
Homo sapiens (human)

SOURCE
Homo sapiens

ORGANISM
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

REFERENCE
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

AUTHORS
Li, W.B., Jesse, J. and Nisson, P.

TITLE
Improved method for isolating and recovering target DNA or RNA

JOURNAL
Patent: JP 2002506352-A 6 26-FEB-2002;

COMMENT
LIFE TECHNOLOGIES INC

PN JP 2002506352-A/6

PD 26-FEB-2002

PF 24-JUN-1998 JP 1999504983

PR 25-JUN-1997 US 60/050729

PI WU BO LI, JOEL JESSE, PAUL NISSON

PC C12Q1/68, G01N33/48

CC Strandedness: Single;

CC Topology: Linear;

CC Key Location/Qualifiers.

FEATURES
1. .17

source
/organism="Homo sapiens"

/mol_type="genomic DNA"

/db_xref="taxon:9606"

Query Match 3.1%; Score 12.4; DB 1; Length 17;

Best Local Similarity 81.2%; Pred. No. 1.7e+02;

Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 693 CACTGTACCTCCAGC 708

DB 16 CACTGAACCTCCAC 1

RESULT 227
BD197734/c

LOCUS
DEFINITION

BD197734 17 bp RNA linear PAT 17-JUL-2003

Method and reagent for treating diseases or conditions concerning

molecule participating in vasculogenic response.

ACCESSION
BD197734

VERSION
JP 2002509721-A/760.

KEYWORDS
Homo sapiens (human)

SOURCE
Homo sapiens

ORGANISM
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

REFERENCE
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

1 (bases 1 to 17)

Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A.

Method and reagent for treating diseases or conditions concerning

molecule participating in vasculogenic response

Patent: JP 2002509721-A 760 02-APR-2002;

RIBOZYME PHARMACEUTICALS INC

OS Homo sapiens (human)

PN JP 2002509721-A/760

PD 02-APR-2002

PF 24-MAR-1999 JP 2000541291

PR 27-MAR-1998 US 60/079678

PI PAMELA A. PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,

PI JAMES A. MCSWIGGEN

PC C12N15/09, A61K31/7088, A61K31/7125, A61K48/00, A61P3/10, A61P17/06, PC

A61P29/00,

PC A61P35/00, A61P43/00, C12N5/10, C12N9/00//A61K35/76, C12N15/00, PC

C12N5/00

CC Method and reagent for treating diseases or conditions CC

RESULT 228
BD202842

LOCUS
DEFINITION

BD202842 17 bp RNA linear PAT 17-JUL-2003

Method and reagent for treating diseases or conditions concerning

molecule participating in vasculogenic response.

ACCESSION
BD202842

VERSION
JP 2002509721-A/5868.

KEYWORDS
Homo sapiens (human)

SOURCE
Homo sapiens

ORGANISM
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

REFERENCE
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

AUTHORS
Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A.

TITLE
Method and reagent for treating diseases or conditions concerning

molecule participating in vasculogenic response

JOURNAL
Patent: JP 2002509721-A 5868 02-APR-2002;

COMMENT
RIBOZYME PHARMACEUTICALS INC

OS Homo sapiens (human)

PN JP 2002509721-A/5868

PD 02-APR-2002

PF 24-MAR-1999 JP 2000541291

PR 27-MAR-1998 US 60/079678

PI PAMELA A. PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,

PI JAMES A. MCSWIGGEN

PC C12N15/09, A61K31/7088, A61K31/7125, A61K48/00, A61P3/10, A61P17/06, PC

A61P29/00,

PC A61P35/00, A61P43/00, C12N5/10, C12N9/00//A61K35/76, C12N15/00, PC

C12N5/00

CC Method and reagent for treating diseases or conditions CC

concerning molecule

CC participating in vasculogenic response

PH Key Location/Qualifiers

FT source 1. .17

FT Location/Qualifiers

1. .17

/organism="Homo sapiens"

/mol_type="genomic RNA"

/db_xref="taxon:9606"

Query Match 3.1%; Score 12.4; DB 1; Length 17;

Best Local Similarity 92.9%; Pred. No. 1.7e+02;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 821 TTGGCTGTCTCT 834

DB 3 TTGGCTGTCTCT 16

RESULT 229
BD202843

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LOCUS       BD202843                17 bp    RNA        linear    PAT 17-JUL-2003
DEFINITION  Method and reagent for treating diseases or conditions concerning
ACCESSION   BD202843
VERSION     BD202843.1  GI:33012613
KEYWORDS    JP 2002509721-A/5869.
SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE   1  (bases 1 to 17)
AUTHORS     Pavco P.A., Roberts,E., Jarvis,T., Coeshott,C. and Mcswiggen,J.A.
TITLE       Method and reagent for treating diseases or conditions concerning
            molecule participating in vasculogenic response
JOURNAL     Patent: JP 2002509721-A 5869 02-APR-2002;
            RIBOZYME PHARMACEUTICALS INC
COMMENT     OS Homo sapiens (human)
            PN JP 2002509721-A/5869
            PD 02-APR-2002
            PF 24-MAR-1999 JP 2000541291
            PR 27-MAR-1998 US 60/079678
            PI PAMELA A PAVCO,ELISABETH ROBERTS,THALE JARVIS,CLAIRE COESHOTT,
            PI JAMES A MCSWIGGEN
            PC
            C12N15/09,A61K31/7088,A61K31/7125,A61K48/00,A61P3/10,A61P17/06, PC
            A61P29/00,
            PC A61P35/00,A61P43/00,C12N5/10,C12N9/00//A61K35/76,C12N15/00, PC
            C12N5/00
            CC Method and reagent for treating diseases or conditions CC
            CC participating in vasculogenic response
            FH Key Location/Qualifiers
            FT source 1..17
            FT /organism='Homo sapiens (human)'.
            FEATURES
            source
            1..17
            /organism="Homo sapiens"
            /mol_type="genomic RNA"
            /db_xref="taxon:9606"

Query Match
Best Local Similarity 32.9%; Score 12.4; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 821 TTGGCTGTGTCTCT 834
DB 2 TTGGCTGTGTCTCT 15

RESULT 230
LOCUS       A12194
DEFINITION  EBI 765.
ACCESSION   A12194
VERSION     A12194.1  GI:491297
KEYWORDS    synthetic construct
SOURCE      synthetic construct
            ORGANISM
            artificial sequences.
REFERENCE   1  (bases 1 to 17)
AUTHORS     Heckl,K., Spevak,W., Ostermann,E., Zoepfel,A., Krystek,E.,
            Maurer-Fogy,I., Wiche-Castanon,M.J., Stratowa,C. and Hauptmann,R.
TITLE       Human manganese superoxide dismutase (hMn-SOD)
JOURNAL     Patent: EP 0282899-A 17 21-SEP-1988;
            BOEHRINGER INGELHEIM INTERNATIONAL GmbH
FEATURES
            source
            1..17
            /organism="synthetic construct"
            /mol_type="unassigned DNA"
            /db_xref="taxon:32630"

Query Match
Best Local Similarity 3.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 835 TTTCCTCTCTGAAGACA 851
DB 1 TCTATTCTCTGAAGAAA 17

RESULT 233
LOCUS       AR046778
DEFINITION  Sequence 1571 from patent US 5817796.
ACCESSION   AR046778
VERSION     AR046778.1  GI:5968243
KEYWORDS    .
SOURCE      Unknown.

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Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 841 CTCCTGAAGACAGCGTCC 857
DB 1 CTCCTGAAGAAATGTCC 17

RESULT 231
LOCUS       A60699
DEFINITION  Sequence 7 from Patent WO9708320.
ACCESSION   A60699
VERSION     A60699.1  GI:3715347
KEYWORDS    .
SOURCE      unidentified
            ORGANISM
            unidentified
            unclassified.
REFERENCE   1
AUTHORS     Knappik,A., Pack,P., Ilag,V., Ge,L., Moroney,S. and Plueckthun,A.
TITLE       PROTEIN/(POLY)PEPTIDE LIBRARIES
JOURNAL     Patent: WO 9708320-A 7 06-MAR-1997;
            MORPHOSYS PROTEINOPTIMIERUNG (DE)
FEATURES
            Location/Qualifiers
            source
            1..17
            /organism="unidentified"
            /mol_type="unassigned DNA"
            /db_xref="taxon:32644"

Query Match
Best Local Similarity 3.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 753 CAGGTCCTCTAGGCTC 769
DB 1 CAGGTCCTCTGGCCCC 17

RESULT 232
LOCUS       AR039271
DEFINITION  Sequence 119 from patent US 5807743.
ACCESSION   AR039271
VERSION     AR039271.1  GI:5958634
KEYWORDS    .
SOURCE      Unknown.
            ORGANISM
            Unknown.
            Unclassified.
REFERENCE   1  (bases 1 to 17)
AUTHORS     Stinchcomb,D.T. and McSwiggen,J.A.
TITLE       Interleukin-2 receptor gamma-chain ribozymes
JOURNAL     Patent: US 5807743-A 119 15-SEP-1998;
            Location/Qualifiers
            source
            1..17
            /organism="unknown"
            /mol_type="unassigned DNA"

Query Match
Best Local Similarity 3.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 835 TTTCCTCTCTGAAGACA 851
DB 1 TCTATTCTCTGAAGAAA 17

RESULT 233
LOCUS       AR046778
DEFINITION  Sequence 1571 from patent US 5817796.
ACCESSION   AR046778
VERSION     AR046778.1  GI:5968243
KEYWORDS    .
SOURCE      Unknown.

```

```
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Stinchcomb,D.T., Draper,K., McSwiggen,J., and Jarvis,T.
TITLE C-myb ribozymes having 2'-5'-linked adenylate residues
JOURNAL Patent: US 5817796-A 1571 06-OCT-1998;
FEATURES
    source
        Location/Qualifiers
            1..17
                /organism="unknown"
                /mol_type="unassigned DNA"
Query Match
Best Local Similarity 3.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 797 CAAGAGCTCTCTCCAA 813
Db 1 CGAAGCTCTCTCGAA 17

RESULT 234
LOCUS AR057589 17 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 1793 from patent US 5837542.
ACCESSION AR057589
VERSION AR057589.1 GI:5983166
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and Draper,K.G.
TITLE Intercellular adhesion molecule-1 (ICAM-1) ribozymes
JOURNAL Patent: US 5837542-A 1793 17-NOV-1998;
FEATURES
    source
        Location/Qualifiers
            1..17
                /organism="unknown"
                /mol_type="unassigned DNA"
Query Match
Best Local Similarity 3.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 540 CTGCTCTAGGCTCC 556
Db 1 CTGCTGTAGACTCTC 17

RESULT 235
LOCUS AR057683 17 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 1887 from patent US 5837542.
ACCESSION AR057683
VERSION AR057683.1 GI:5983260
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and Draper,K.G.
TITLE Intercellular adhesion molecule-1 (ICAM-1) ribozymes
JOURNAL Patent: US 5837542-A 1887 17-NOV-1998;
FEATURES
    source
        Location/Qualifiers
            1..17
                /organism="unknown"
                /mol_type="unassigned DNA"
Query Match
Best Local Similarity 3.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 540 CTGCTCTAGGCTCC 556
Db 1 CTGCTGTAGACTCTC 17

RESULT 236
LOCUS AR057726 17 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 1930 from patent US 5837542.
ACCESSION AR057726
VERSION AR057726.1 GI:5983303
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and Draper,K.G.
TITLE Intercellular adhesion molecule-1 (ICAM-1) ribozymes
JOURNAL Patent: US 5837542-A 1930 17-NOV-1998;
FEATURES
    source
        Location/Qualifiers
            1..17
                /organism="unknown"
                /mol_type="unassigned DNA"
Query Match
Best Local Similarity 3.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 540 CTGCTCTAGGCTCC 556
Db 1 CTGCTGTAGACTCTC 17

RESULT 237
LOCUS AR115347 17 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 1793 from patent US 6132967.
ACCESSION AR115347
VERSION AR115347.1 GI:14095669
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and Draper,K.G.
TITLE Ribozyme treatment of diseases or conditions related to levels of intercellular adhesion molecule-1 (ICAM-1)
JOURNAL Patent: US 6132967-A 1793 17-OCT-2000;
FEATURES
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        Location/Qualifiers
            1..17
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                /mol_type="unassigned DNA"
Query Match
Best Local Similarity 3.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 540 CTGCTCTAGGCTCC 556
Db 1 CTGCTGTAGACTCTC 17

RESULT 238
LOCUS AR115441 17 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 1887 from patent US 6132967.
ACCESSION AR115441
VERSION AR115441.1 GI:14095763
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
```

Unclassified.
1 (bases 1 to 17)
Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and Draper,K.G.
TITLE
Ribozyme treatment of diseases or conditions related to levels of intercellular adhesion molecule-1 (ICAM-1)
JOURNAL
Patent: US 6132967-A 1887 17-OCT-2000;
FEATURES
source
1..17
/organism="unknown"
/mol_type="unassigned DNA"
Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 540 CTGCTCTAGGCTCC 556
DB 1 CTGCTCTAGGCTCTC 17
RESULT 239
ARL15484
LOCUS
Sequence 1930 from patent US 6132967.
DEFINITION
ACCESSION
ARL15484
VERSION
ARL15484.1 GI:14095806
KEYWORDS
Unknown.
SOURCE
Unknown.
ORGANISM
Unclassified.
REFERENCE
1 (bases 1 to 17)
AUTHORS
Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and Draper,K.G.
TITLE
Ribozyme treatment of diseases or conditions related to levels of intercellular adhesion molecule-1 (ICAM-1)
JOURNAL
Patent: US 6132967-A 1930 17-OCT-2000;
FEATURES
source
1..17
/organism="unknown"
/mol_type="unassigned DNA"
Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 540 CTGCTCTAGGCTCC 556
DB 1 CTGCTCTAGGCTCTC 17
RESULT 240
BD256490/c
LOCUS
Regulation of repressor genes using nucleic acid molecules.
DEFINITION
ACCESSION
BD256490
VERSION
BD256490.1 GI:33066260
KEYWORDS
JP 2002541795-A/4283.
SOURCE
unidentified
ORGANISM
unclassified.
REFERENCE
1 (bases 1 to 17)
AUTHORS
Blatt,L., Zwick,M., Pavco,P. and Mcswiggen,J.
TITLE
Regulation of repressor genes using nucleic acid molecules
JOURNAL
Patent: JP 2002541795-A 4283 10-DEC-2002;
COMMENT
OS Eukaryote
PN JP 2002541795-A/4283
PD 10-DEC-2002
PF 11-APR-2000 JP 2000611654
PR 12-APR-1999 US 60/129390
PI LAWRENCE BLATT,MICHAEL ZWICK,PAMELA PAVCO,JAMES MCSWIGGEN PC
C12N15/09,A61K38/00,A61P43/00,A61P43/00,A61P43/00,C12N5/10, PC
C12N21/02, PC
C12P21/02,C12P21/02//A61K31/711, (C12N5/10,C12R1:91), (C12P21/02, PC
C12R1:91),
PC (C12P21/02,C12R1:91), (C12P21/02,C12R1:91),C12N15/00,C12N5/00,
PC A61K37/02,
PC (C12N5/00,C12R1:91)
CC Regulation of repressor genes using nucleic acid molecules FH
Key source Location/Qualifiers
FT 1..17
/organism='Eukaryote'.
FEATURES
source
1..17
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 865 AGTTGGAACACTTCT 881
DB 17 AGTTGGAAGATTTTCT 1

C12P21/02,
PC
C12P21/02,C12P21/02//A61K31/711, (C12N5/10,C12R1:91), (C12P21/02, PC
C12R1:91),
PC (C12P21/02,C12R1:91), (C12P21/02,C12R1:91),C12N15/00,C12N5/00,
PC A61K37/02,
PC (C12N5/00,C12R1:91)
CC Regulation of repressor genes using nucleic acid molecules FH
Key source Location/Qualifiers
FT 1..17
/organism='Eukaryote'.
FEATURES
source
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 865 AGTTGGAACACTTCT 881
DB 17 AGTTGGAAGATTTTCT 1
RESULT 241
BD256938/c
LOCUS
Regulation of repressor genes using nucleic acid molecules.
DEFINITION
ACCESSION
BD256938
VERSION
BD256938.1 GI:33066708
KEYWORDS
JP 2002541795-A/4731.
SOURCE
unidentified
ORGANISM
unclassified.
REFERENCE
1 (bases 1 to 17)
AUTHORS
Blatt,L., Zwick,M., Pavco,P. and Mcswiggen,J.
TITLE
Regulation of repressor genes using nucleic acid molecules
JOURNAL
Patent: JP 2002541795-A 4731 10-DEC-2002;
COMMENT
OS Eukaryote
PN JP 2002541795-A/4731
PD 10-DEC-2002
PF 11-APR-2000 JP 2000611654
PR 12-APR-1999 US 60/129390
PI LAWRENCE BLATT,MICHAEL ZWICK,PAMELA PAVCO,JAMES MCSWIGGEN PC
C12N15/09,A61K38/00,A61K48/00,A61P43/00,A61P43/00,A61P43/00,C12N5/10, PC
C12P21/02, PC
C12P21/02,C12P21/02//A61K31/711, (C12N5/10,C12R1:91), (C12P21/02, PC
C12R1:91),
PC (C12P21/02,C12R1:91), (C12P21/02,C12R1:91),C12N15/00,C12N5/00,
PC A61K37/02,
PC (C12N5/00,C12R1:91)
CC Regulation of repressor genes using nucleic acid molecules FH
Key source Location/Qualifiers
FT 1..17
/organism='Eukaryote'.
FEATURES
source
1..17
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 865 AGTTGGAACACTTCT 881
DB 17 AGTTGGAAGATTTTCT 1

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RESULT 242
BD257607
LOCUS BD257607 17 bp DNA linear PAT 17-JUL-2003
DEFINITION Regulation of repressor genes using nucleic acid molecules.
ACCESSION BD257607
VERSION BD257607.1 GI:33067377
KEYWORDS JP 2002541795-A/5400.
SOURCE unclassified
ORGANISM unclassified
REFERENCE 1 (bases 1 to 17)
AUTHORS Blatt,L., Zwick,M., Pavco,P. and McSwiggen,J.
TITLE Regulation of repressor genes using nucleic acid molecules
JOURNAL RIBOZYME PHARMACEUTICALS INC
COMMENT OS Eukaryote
PN JP 2002541795-A/5400
PD 10-DEC-2002
PF 11-APR-2000 JP 2000611654
PI LAWRENCE BLATT,MICHAEL ZWICK,PAMELA PAVCO,JAMES MCSWIGGEN PC
C12N15/09,A61K38/00,A61K48/00,A61P43/00,A61P43/00,C12N5/10, PC
C12P21/02,
PC
C12P21/02,C12P21/02//A61K31/711,(C12N5/10,C12R1:91),(C12P21/02, PC
C12R1:91)
PC (C12P21/02,C12R1:91),(C12P21/02,C12R1:91),C12N15/00,C12N5/00,
PC A61K37/02,
PC (C12N5/00,C12R1:91)
CC Regulation of repressor genes using nucleic acid molecules FH
Key source 1..17
FT Location/Qualifiers
FT source 1..17 /organism='Eukaryote'.
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source 1..17
Location/Qualifiers
/mol_type='genomic DNA'
/db_xref='taxon:32644'
Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 537 CCTCTGCTCCTAGGCCT 553
Db 1 CCAGTGTCTCTAGACCT 17
RESULT 243
I53830
LOCUS I53830 17 bp DNA linear PAT 07-OCT-1997
DEFINITION Sequence 1571 from patent US 5646042.
ACCESSION I53830
VERSION I53830.1 GI:2475033
KEYWORDS .
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Stinchcomb,D.T., Draper,K., McSwiggen,J. and Jarvis,T.
TITLE C-myb targeted ribozymes
JOURNAL Patent: US 5646042-A 1571 08-JUL-1997;
FEATURES
source 1..17
Location/Qualifiers
/mol_type='unassigned DNA'
Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 797 CAAGAGCTCTCTCCCA 813
RESULT 244
BD257607
LOCUS BD257607 17 bp DNA linear PAT 20-APR-2002
DEFINITION Sequence 2073 from patent US 6346398.
ACCESSION ARI86585
VERSION ARI86585.1 GI:20232550
KEYWORDS .
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6346398-A 2073 12-FEB-2002;
FEATURES
source 1..17
Location/Qualifiers
/mol_type='unassigned DNA'
Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 865 AGTTGGAACACTTTCCT 881
Db 17 AGCTGAAATACTTTCCT 1
RESULT 245
ARI87061
LOCUS ARI87061 17 bp DNA linear PAT 20-APR-2002
DEFINITION Sequence 2549 from patent US 6346398.
ACCESSION ARI87061
VERSION ARI87061.1 GI:20233026
KEYWORDS .
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6346398-A 2549 12-FEB-2002;
FEATURES
source 1..17
Location/Qualifiers
/mol_type='unassigned DNA'
Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 580 ACTTTTGTTCTGTTTTT 596
Db 1 ACTTTTGTTCTGTTTTT 17
RESULT 246
ARI88382/c
LOCUS ARI88382/c 17 bp DNA linear PAT 20-APR-2002
DEFINITION Sequence 3870 from patent US 6346398.
ACCESSION ARI88382
VERSION ARI88382.1 GI:20234347
KEYWORDS .
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
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AUTHORS Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6346398-A 3870 12-FEB-2002;
FEATURES Location/Qualifiers
source 1..17
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 593 TTTTCAACACACAG 609
|||||
Db 17 TTTTCCACACAGATAG 1

RESULT 247
ARI89919/c
LOCUS ARI89919 17 bp DNA linear PAT 20-APR-2002
DEFINITION Sequence 5407 from patent US 6346398.
ACCESSION ARI89919
VERSION ARI89919.1 GI:20235884
KEYWORDS
SOURCE Unknown.
ORGANISM Unassigned.
REFERENCE 1 (bases 1 to 17)
AUTHORS Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6346398-A 5407 12-FEB-2002;
FEATURES Location/Qualifiers
source 1..17
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 623 TGGTCTCAGACAGGC 639
|||||
Db 17 TGGTCACTGACAGGC 1

RESULT 248
ARI89998
LOCUS ARI89998 17 bp DNA linear PAT 20-APR-2002
DEFINITION Sequence 5486 from patent US 6346398.
ACCESSION ARI89998
VERSION ARI89998.1 GI:20235963
KEYWORDS
SOURCE Unknown.
ORGANISM Unassigned.
REFERENCE 1 (bases 1 to 17)
AUTHORS Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6346398-A 5486 12-FEB-2002;
FEATURES Location/Qualifiers
source 1..17
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 869 GGAACACTTCTCTGAGA 885
|||||

Db 1 GAAACCTTCTCTGGGA 17

RESULT 249
ARI92098/c
LOCUS ARI92098 17 bp DNA linear PAT 20-APR-2002
DEFINITION Sequence 7586 from patent US 6346398.
ACCESSION ARI92098
VERSION ARI92098.1 GI:20238063
KEYWORDS
SOURCE Unknown.
ORGANISM Unassigned.
REFERENCE 1 (bases 1 to 17)
AUTHORS Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6346398-A 7586 12-FEB-2002;
FEATURES Location/Qualifiers
source 1..17
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 525 CTTTCCCAACATCCTCT 541
|||||
Db 17 CTTTCCCAAGCCCT 1

RESULT 250
ARI92099/c
LOCUS ARI92099 17 bp DNA linear PAT 20-APR-2002
DEFINITION Sequence 7587 from patent US 6346398.
ACCESSION ARI92099
VERSION ARI92099.1 GI:20238064
KEYWORDS
SOURCE Unknown.
ORGANISM Unassigned.
REFERENCE 1 (bases 1 to 17)
AUTHORS Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6346398-A 7587 12-FEB-2002;
FEATURES Location/Qualifiers
source 1..17
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 524 ACTTCCCAACATCCTC 540
|||||
Db 17 ACTTCCCAAGCCCT 1

RESULT 251
ARI95602/c
LOCUS ARI95602 17 bp DNA linear PAT 20-APR-2002
DEFINITION Sequence 67 from patent US 6350934.
ACCESSION ARI95602
VERSION ARI95602.1 GI:20245039
KEYWORDS
SOURCE Unknown.
ORGANISM Unassigned.
REFERENCE 1 (bases 1 to 17)
AUTHORS Zwick,M.G., Edington,B.E., McSwiggen,J.A., Merlo,P. Ann.Owens.,

Guo,L., Skokut,T.A., Young,S.A., Folkerts,O. and Merlo,D.J.
Nucleic acid encoding delta-9 desaturase
Patent: US 6350934-A 67 26-FEB-2002;
Location/Qualifiers
1. .17
/organism="unknown"
/mol_type="unassigned RNA"

Query Match
Best Local Similarity 3.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 525 CTTTCCCAACATCCTCT 541
|||||
Db 17 CTTTCCCAACATCCTCT 1

RESULT 252
AR286099
LOCUS 17 bp RNA linear PAT 10-APR-2003
DEFINITION Sequence 471 from patent US 6528640.
ACCESSION AR286099
VERSION AR286099.1 GI:29723695
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Beigelman,L., Burgin,A., Beaudry,A., Karpeisky,A.,
Matulic-Adamic,J., Sweedler,D. and Zinnen,S.
TITLE Synthetic ribonucleic acids with RNase activity
JOURNAL Patent: US 6528640-A 471 04-MAR-2003;
FEATURES
source Location/Qualifiers
1. .17
/organism="unknown"
/mol_type="unassigned RNA"

Query Match
Best Local Similarity 3.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 616 CTCTGCTGCTGCTCGA 632
|||||
Db 1 CTCTGCTGCTGCTCGA 17

RESULT 253
AR286447
LOCUS 17 bp RNA linear PAT 10-APR-2003
DEFINITION Sequence 819 from patent US 6528640.
ACCESSION AR286447
VERSION AR286447.1 GI:29724043
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Beigelman,L., Burgin,A., Beaudry,A., Karpeisky,A.,
Matulic-Adamic,J., Sweedler,D. and Zinnen,S.
TITLE Synthetic ribonucleic acids with RNase activity
JOURNAL Patent: US 6528640-A 819 04-MAR-2003;
FEATURES
source Location/Qualifiers
1. .17
/organism="unknown"
/mol_type="unassigned RNA"

Query Match
Best Local Similarity 3.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 757 GTCCTAGGCTCCACT 773
|||||
Db 1 GCCCCAGGCTCCACT 17

RESULT 254
AR286455
LOCUS 17 bp RNA linear PAT 10-APR-2003
DEFINITION Sequence 827 from patent US 6528640.
ACCESSION AR286455
VERSION AR286455.1 GI:29724051
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Beigelman,L., Burgin,A., Beaudry,A., Karpeisky,A.,
Matulic-Adamic,J., Sweedler,D. and Zinnen,S.
TITLE Synthetic ribonucleic acids with RNase activity
JOURNAL Patent: US 6528640-A 827 04-MAR-2003;
FEATURES
source Location/Qualifiers
1. .17
/organism="unknown"
/mol_type="unassigned RNA"

Query Match
Best Local Similarity 3.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 542 GCTCCTAGGCTCCCA 558
|||||
Db 1 GCTGCAAGCTCCCA 17

RESULT 255
AR286455
LOCUS 17 bp RNA linear PAT 17-AUG-2003
DEFINITION Sequence 618 from patent US 6566127.
ACCESSION AR286455
VERSION AR286455.1 GI:33709024
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6566127-A 618 20-MAY-2003;
FEATURES
source Location/Qualifiers
1. .17
/organism="unknown"
/mol_type="unassigned RNA"

Query Match
Best Local Similarity 3.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 865 AGTTGGAACACTTTCCT 881
|||||
Db 17 AGCTGAATATCTTTCCT 1

RESULT 256
AR286455
LOCUS 17 bp RNA linear PAT 17-AUG-2003
DEFINITION Sequence 1073 from patent US 6566127.
ACCESSION AR286455
VERSION AR286455.1 GI:33709479
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions


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related to levels of vascular endothelial growth factor receptor
Patent: US 6566127-A 1073 20-MAY-2003;
Location/Qualifiers
1. .17
/organism="unknown"
/mol_type="unassigned RNA"

Query Match          3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 580 ACTTTTGTTCGTTTTT 596
      ||||| | | | |||
Db 1 ACTTTTTTTTTTTTTT 17

RESULT 257
AR324235/c
LOCUS AR324235 17 bp RNA linear PAT 17-AUG-2003
DEFINITION Sequence 1637 from patent US 6566127.
ACCESSION AR324235
VERSION AR324235.1 GI:33710043
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 17)
Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6566127-A 1637 20-MAY-2003;
FEATURES Location/Qualifiers
source 1. .17
/organism="unknown"
/mol_type="unassigned RNA"

Query Match          3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 593 TTTTCTCAACACAGAG 609
      ||||| | ||||| |
Db 17 TTTTCTCAACAGATAG 1

RESULT 258
AR324904/c
LOCUS AR324904 17 bp RNA linear PAT 17-AUG-2003
DEFINITION Sequence 2306 from patent US 6566127.
ACCESSION AR324904
VERSION AR324904.1 GI:33710712
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 17)
Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6566127-A 2306 20-MAY-2003;
FEATURES Location/Qualifiers
source 1. .17
/organism="unknown"
/mol_type="unassigned RNA"

Query Match          3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 623 TGGTTCCTGACAGGC 639
      |||| | ||||| |
Db 17 TGGTCACTGACAGGC 1

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JOURNAL Patent: US 6566127-A 3383 20-MAY-2003;
FEATURES
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    Location/Qualifiers
      1..17
        /organism="unknown"
        /mol_type="unassigned RNA"

Query Match
  3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 524 ACTTTCCTCCCAATCCTC 540
Db 17 ACTTTCCTCCCAAGCCCC 1

RESULT 262
AR328065
LOCUS 17 bp RNA linear PAT 17-AUG-2003
DEFINITION Sequence 5467 from patent US 6566127.
ACCESSION AR328065
VERSION AR328065.1 GI:33713873
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE
  1 (bases 1 to 17)
  Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
  Method and reagent for the treatment of diseases or conditions
  related to levels of vascular endothelial growth factor receptor
  Patent: US 6566127-A 5467 20-MAY-2003;
JOURNAL
FEATURES
  source
    Location/Qualifiers
      1..17
        /organism="unknown"
        /mol_type="unassigned RNA"

Query Match
  3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 807 CTTCAAACTCAGGTTG 823
Db 1 CTTCAAACTCAGGTTG 17

RESULT 263
AR328075/c
LOCUS 17 bp RNA linear PAT 17-AUG-2003
DEFINITION Sequence 5477 from patent US 6566127.
ACCESSION AR328075
VERSION AR328075.1 GI:33713883
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE
  1 (bases 1 to 17)
  Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
  Method and reagent for the treatment of diseases or conditions
  related to levels of vascular endothelial growth factor receptor
  Patent: US 6566127-A 5477 20-MAY-2003;
JOURNAL
FEATURES
  source
    Location/Qualifiers
      1..17
        /organism="unknown"
        /mol_type="unassigned RNA"

Query Match
  3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 861 CTCAGATGGACACTT 877
Db 17 CTCAGATGGACACTT 1
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RESULT 264
AR329270
LOCUS 17 bp RNA linear PAT 17-AUG-2003
DEFINITION Sequence 6672 from patent US 6566127.
ACCESSION AR329270
VERSION AR329270.1 GI:33715078
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE
  1 (bases 1 to 17)
  Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
  Method and reagent for the treatment of diseases or conditions
  related to levels of vascular endothelial growth factor receptor
  Patent: US 6566127-A 6672 20-MAY-2003;
JOURNAL
FEATURES
  source
    Location/Qualifiers
      1..17
        /organism="unknown"
        /mol_type="unassigned RNA"

Query Match
  3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 873 CACTTCTCTGAGATGCA 889
Db 1 CACTTCTCTGAGATGCA 17

RESULT 265
AR363926
LOCUS 17 bp DNA linear PAT 03-SEP-2003
DEFINITION Sequence 21 from patent US 5240847.
ACCESSION AR363926
VERSION AR363926.1 GI:34426033
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE
  1 (bases 1 to 17)
  Heckl,K., Spevak,W., Ostermann,E., Zophel,A., Krystek,E.,
  Maurel-Fogy,I., Miche-Castanon,M.J., Stratowa,C. and Hauptmann,R.
  Human manganese superoxide dismutase (hmn-SOD)
  Patent: US 5240847-A 21 31-AUG-1993;
JOURNAL
FEATURES
  source
    Location/Qualifiers
      1..17
        /organism="unknown"
        /mol_type="genomic DNA"

Query Match
  3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 841 CTCTGAAGACAGCGTCC 857
Db 1 CTCTGAAGAAAATGTCC 17

RESULT 266
AR369047
LOCUS 17 bp DNA linear PAT 12-SEP-2003
DEFINITION Sequence 7 from patent US 6300064.
ACCESSION AR369047
VERSION AR369047.1 GI:34605003
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE
  1 (bases 1 to 17)
  Knappik,A., Pack,P., Ge,L., Moroney,S. and Pluckthun,A.
  Protein/(poly)peptide libraries
  Patent: US 6300064-A 7 09-OCT-2001;
JOURNAL
FEATURES
  Location/Qualifiers
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source
1. 17
/organism="unknown"
/mol_type="unassigned DNA"

Query Match      3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 753 CAGGTCCTAGGCTC 769
||||| ||| ||| ||| |||
Db 1 CAGGTCCTAGGCTC 17

RESULT 267
AR398089 AR398089 17 bp RNA linear PAT 18-DEC-2003
LOCUS
DEFINITION Sequence 470 from patent US 6617438.
ACCESSION AR398089
VERSION AR398089.1 GI:40135616
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Beigelman,L., Burgin,A.B., Beaudry,A., Karpeisky,A.,
Matulic-Adamic,J., Sweedler,D. and Zinnen,S.
TITLE Oligoribonucleotides with enzymatic activity
JOURNAL Patent: US 6617438-A 470 09-SEP-2003;
FEATURES Location/Qualifiers
source
1. 17
/organism="unknown"
/mol_type="unassigned RNA"

Query Match      3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 616 CTCGCTGGTTCCTGA 632
||||| ||| ||| ||| |||
Db 1 CTCGCTGGTTCCTGA 17

RESULT 268
AR398437 AR398437 17 bp RNA linear PAT 18-DEC-2003
LOCUS
DEFINITION Sequence 818 from patent US 6617438.
ACCESSION AR398437
VERSION AR398437.1 GI:40136249
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Beigelman,L., Burgin,A.B., Beaudry,A., Karpeisky,A.,
Matulic-Adamic,J., Sweedler,D. and Zinnen,S.
TITLE Oligoribonucleotides with enzymatic activity
JOURNAL Patent: US 6617438-A 818 09-SEP-2003;
FEATURES Location/Qualifiers
source
1. 17
/organism="unknown"
/mol_type="unassigned RNA"

Query Match      3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 757 GTCCCTAGGCTCCACT 773
||||| ||| ||| ||| |||
Db 1 GTCCCTAGGCTCCACT 17

RESULT 269
AR398445 AR398445 17 bp RNA linear PAT 18-DEC-2003
LOCUS
DEFINITION Sequence 826 from patent US 6617438.
ACCESSION AR398445
VERSION AR398445.1 GI:40136264
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Beigelman,L., Burgin,A.B., Beaudry,A., Karpeisky,A.,
Matulic-Adamic,J., Sweedler,D. and Zinnen,S.
TITLE Oligoribonucleotides with enzymatic activity
JOURNAL Patent: US 6617438-A 826 09-SEP-2003;
FEATURES Location/Qualifiers
source
1. 17
/organism="unknown"
/mol_type="unassigned RNA"

Query Match      3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 542 GCTCCTAGGCTCCCA 558
||||| ||| ||| ||| |||
Db 1 GCTCCTAGGCTCCCA 17

RESULT 270
AR408828 AR408828 17 bp DNA linear PAT 18-DEC-2003
LOCUS
DEFINITION Sequence 23 from patent US 6632641.
ACCESSION AR408828
VERSION AR408828.1 GI:40159229
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Brennan,T.M., Chatelain,F. and Berninger,M.
TITLE Method and apparatus for performing large numbers of reactions
using array assembly with releasable primers
JOURNAL Patent: US 6632641-A 23 14-OCT-2003;
FEATURES Location/Qualifiers
source
1. 17
/organism="unknown"
/mol_type="genomic DNA"

Query Match      3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 817 AGGGTTGGCTGTCTC 833
||||| ||| ||| ||| |||
Db 17 AGGGTTGGCTGTCTC 1

RESULT 271
AR434003 AR434003 17 bp DNA linear PAT 18-DEC-2003
LOCUS
DEFINITION Sequence 426 from patent US 6656700.
ACCESSION AR434003
VERSION AR434003.1 GI:40196846
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Gu,Y. and Shannon,M.E.
TITLE Isoforms of human pregnancy-associated protein-E
JOURNAL Patent: US 6656700-A 426 02-DEC-2003;
FEATURES Location/Qualifiers
source
1. 17
/organism="unknown"
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Mon Mar 8 14:22:23 2004

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LOCUS AX214795 17 bp RNA linear PAT 07-SEP-2001
DEFINITION Sequence 237 from Patent WO0159103.
ACCESSION AX214795
VERSION AX214795.1 GI:15524838
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM artificial sequences.

REFERENCE
1 Blatt, L., McSwiggen, J. and Chowrira, B.M.
AUTHORS Method and reagent for the modulation and diagnosis of cd20 and
TITLE nogo gene expression
JOURNAL RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;
PATENT: WO 0159103-A 237 16-AUG-2001;
McSwiggen, James (US) ; Chowrira, Bharat M. (US)
FEATURES
Location/Qualifiers
1..17
/organism="synthetic construct"
/mol_type="unassigned RNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 582 TTTTGTCTCTCTCTCTCTCT 598
| | | | | | | | | | | | | | |
Db 17 TTTTCTCTCTCTCTCTCTCT 1

RESULT 275
AX217888 17 bp RNA linear PAT 07-SEP-2001
LOCUS AX217888
DEFINITION Sequence 3330 from Patent WO0159103.
ACCESSION AX217888
VERSION AX217888.1 GI:15527949
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM artificial sequences.

REFERENCE
1 Blatt, L., McSwiggen, J. and Chowrira, B.M.
AUTHORS Method and reagent for the modulation and diagnosis of cd20 and
TITLE nogo gene expression
JOURNAL RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US) ;
PATENT: WO 0159103-A 3330 16-AUG-2001;
McSwiggen, James (US) ; Chowrira, Bharat M. (US)
FEATURES
Location/Qualifiers
1..17
/organism="synthetic construct"
/mol_type="unassigned RNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 615 ACTCTGCTCTGCTCTCTCTG 631
| | | | | | | | | | | | | | |
Db 17 AGTCTCTCTCTGCTCTCTG 1

RESULT 276
AX218091 17 bp RNA linear PAT 07-SEP-2001
LOCUS AX218091
DEFINITION Sequence 3533 from Patent WO0159103.
ACCESSION AX218091
VERSION AX218091.1 GI:15528152
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM

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/mol_type="genomic DNA"

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 825 CTGTGCTCTCTCTCTCTCTC 841
| | | | | | | | | | | | | | |
Db 1 CTGTGGTCTCTCTCTCTCTC 17

RESULT 272
AR434004 17 bp DNA linear PAT 18-DEC-2003
LOCUS AR434004
DEFINITION Sequence 427 from patent US 6656700.
ACCESSION AR434004
VERSION AR434004.1 GI:40196847
KEYWORDS Unknown.
SOURCE Unknown.
ORGANISM Unknown.

REFERENCE
1 (bases 1 to 17)
AUTHORS Gu, Y. and Shannon, M.E.
TITLE Isoforms of human pregnancy-associated protein-E
JOURNAL Patent: US 6656700-A 427 02-DEC-2003;
FEATURES
Location/Qualifiers
1..17
/organism="unknown"
/mol_type="genomic DNA"

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 826 TGTGCTCTCTCTCTCTCTCT 842
| | | | | | | | | | | | | | |
Db 1 TGTGGGTCTCTCTCTCTCT 17

RESULT 273
AX133964 17 bp DNA linear PAT 15-MAY-2001
LOCUS AX133964
DEFINITION Sequence 23 from Patent WO0127327.
ACCESSION AX133964
VERSION AX133964.1 GI:14139905
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE
1 Brennan, T.M., Chatelain, F. and Berninger, M.
AUTHORS Method and apparatus for performing large numbers of reactions
TITLE using array assembly
JOURNAL Patent: WO 0127327-A 23 19-APR-2001;
PROTEGENE Laboratories, Inc. (US)
FEATURES
Location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 817 AGGGTTGGTGTGTCTCTC 833
| | | | | | | | | | | | | | |
Db 17 AGGGTGGGTGTGTCTCTC 1

RESULT 274
AX214795/c

```

artificial sequences.

REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source
1
Blatt L., Mcswiggen J. and Chowrira, B.M.
Method and reagent for the modulation and diagnosis of cd20 and
nogo gene expression
Patent: WO 0159103-A 3533 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US);
Mcswiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
1..17
/organism="synthetic construct"
/mol_type="unassigned RNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"

Query Match
Best Local Similarity 3.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 621 CTTGTTCTCTGAGAG 637
Db 17 CTTGTTCTGATGGAG 1

RESULT 277
AX227687/c
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
1
AX227687
Sequence 1059 from Patent WO0157206.
AX227687
AX227687.1 GI:15556828
synthetic construct
synthetic construct
artificial sequences.

REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source
1
Fattaey, A.R., Jarvis, T., Mcswiggen, J., Boehr, R.N. and Holman, P.S.
Method and reagent for the inhibition of checkpoint kinase-1 (chk
1) enzyme
Patent: WO 0157206-A 1059 09-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Fattaey, Ali R. (US)
Location/Qualifiers
1..17
/organism="synthetic construct"
/mol_type="unassigned RNA"
/db_xref="taxon:32630"

Query Match
Best Local Similarity 3.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 802 GCTCTCTCCCACTCAG 818
Db 17 GCTCTCTCCACTACAG 1

RESULT 278
AX267014
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
1
AX267014
Sequence 3 from Patent WO0173001.
AX267014
AX267014.1 GI:16515799
synthetic construct
synthetic construct
artificial sequences.
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source
1
Seidman, M.M. and Majumdar, A.
Establishment of cellular manipulations which enhance
oligo-mediated gene targeting
Patent: WO 0173001-A 3 04-OCT-2001;
THE SECRETARY OF THE DEPARTMENT OF HEALTH AND HUMAN SERVICES (US)
Location/Qualifiers
1..17

/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Synthetic"

Query Match
Best Local Similarity 3.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 826 TGTGTCTCTTTCTTCT 842
Db 1 TTCTCTTTTCTTCT 17

RESULT 279
AX422883/c
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
1
AX422883
Sequence 1219 from Patent WO0188124.
AX422883
AX422883.1 GI:21526265
Homo sapiens (human)
Homo sapiens
Homo sapiens

REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source
1
Jarvis, T., von Carlowitz, I., Mcswiggen, J.A., McLaughlin, F.G. and
Randi, A.M.
Method and reagent for the inhibition of erg
Patent: WO 0188124-A 1219 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
Location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="unassigned RNA"
/db_xref="taxon:9606"

Query Match
Best Local Similarity 3.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 526 TTTCCTCAATCTCTG 542
Db 17 TTTCCTCAATCTCTG 1

RESULT 280
AX423355/c
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
1
AX423355
Sequence 1691 from Patent WO0188124.
AX423355
AX423355.1 GI:21526737
Homo sapiens (human)
Homo sapiens
Homo sapiens

REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source
1
Jarvis, T., von Carlowitz, I., Mcswiggen, J.A., McLaughlin, F.G. and
Randi, A.M.
Method and reagent for the inhibition of erg
Patent: WO 0188124-A 1691 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
Location/Qualifiers
1..17
/organism="Homo sapiens"
/mol_type="unassigned RNA"
/db_xref="taxon:9606"

Query Match
Best Local Similarity 3.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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QY 652 GACCTCAGCTTCTCTCG 668
Db 17 GCCCAGCTCTCTCTCG 1

RESULT 281
AX474888
LOCUS 17 bp DNA linear PAT 12-AUG-2002
DEFINITION Sequence 109 from Patent WO0224750.
ACCESSION AX474888
VERSION AX474888.1 GI:22214173
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE
AUTHORS Zhang, J.
TITLE Human kidney tumor overexpressed membrane protein 1
JOURNAL Patent: WO 0224750-A 109 28-MAR-2002;
Aeomica, Inc. (US)
FEATURES
source
1. .17
Location/Qualifiers
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 775 CTGAGGCGAGCCCTCT 791
Db 17 CTGAGAGAGCTCTCT 1

RESULT 284
AX499148/c
LOCUS 17 bp DNA linear PAT 27-SEP-2002
DEFINITION Sequence 455 from Patent EPI29046.
ACCESSION AX499148
VERSION AX499148.1 GI:23381441
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE
AUTHORS Zhan, J.
TITLE Human testis expressed patched like protein
JOURNAL Patent: EP 1229046-A 455 07-AUG-2002;
Aeomica, Inc. (US)
FEATURES
source
1. .17
Location/Qualifiers
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 777 GAGGCGAGCCCTCTCG 793
Db 17 GACAGCAGCCCTCTAG 1

RESULT 285
AX530536/c
LOCUS 17 bp DNA linear PAT 22-NOV-2002
DEFINITION Sequence 45 from Patent EPI239051.
ACCESSION AX530536
VERSION AX530536.1 GI:25252449
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE
AUTHORS Shannon, M.
TITLE Human posh-like protein 1
JOURNAL Patent: EP 1239051-A 45 11-SEP-2002;
Aeomica, Inc. (US)
FEATURES
source
1. .17
Location/Qualifiers
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source
1. .17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match
Best Local Similarity 3.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 783 AGCCCTCTGTGCGCAA 799
Db 17 AGCGCCGCTGTGCGCAA 1

RESULT 286
AX531205
LOCUS AX531205 17 bp DNA linear PAT 22-NOV-2002
DEFINITION Sequence 714 from Patent EP1239051.
ACCESSION AX531205
VERSION AX531205.1 GI:25254203
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1 Shannon, M.
AUTHORS Human posh-like protein 1
TITLE
JOURNAL Patent: EP 1239051-A 1027 11-SEP-2002;
Aeomica, Inc. (US)
FEATURES
source
1. .17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match
Best Local Similarity 3.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 831 CTCCTTCTCTCTCTGAA 847
Db 17 CTCTGCTCTCTCTCTAAA 1

RESULT 289
AX531603
LOCUS AX531603 17 bp DNA linear PAT 22-NOV-2002
DEFINITION Sequence 1112 from Patent EP1239051.
ACCESSION AX531603
VERSION AX531603.1 GI:25254996
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1 Shannon, M.
AUTHORS Human posh-like protein 1
TITLE
JOURNAL Patent: EP 1239051-A 1112 11-SEP-2002;
Aeomica, Inc. (US)
FEATURES
source
1. .17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match
Best Local Similarity 3.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 740 CTTGCTAGGTCCTCCAGG 756
Db 1 CTCGCTAGGGGCCCCAGG 17

RESULT 290
AX531862
LOCUS AX531862 17 bp DNA linear PAT 22-NOV-2002
DEFINITION Sequence 1371 from Patent EP1239051.
ACCESSION AX531862
VERSION AX531862.1 GI:25255499
KEYWORDS
SOURCE Homo sapiens (human)

source
1. .17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match
Best Local Similarity 3.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 839 TTCTCTGAAGACGCGT 855
Db 17 TCCTTCTCCGAGACAG 17

RESULT 287
AX531208
LOCUS AX531208 17 bp DNA linear PAT 22-NOV-2002
DEFINITION Sequence 717 from Patent EP1239051.
ACCESSION AX531208
VERSION AX531208.1 GI:25254209
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1 Shannon, M.
AUTHORS Human posh-like protein 1
TITLE
JOURNAL Patent: EP 1239051-A 717 11-SEP-2002;
Aeomica, Inc. (US)
FEATURES
source
1. .17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match
Best Local Similarity 3.1%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 839 TTCTCTGAAGACGCGT 855
Db 17 TCCTTCTCCGAGACAG 17
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ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1
REFERENCE
AUTHORS Shannon,M.
TITLE Human posh-like protein 1
JOURNAL Patent: EP 1239051-A 1371 11-SEP-2002;
Aeomica, Inc. (US)
FEATURES
source
1. .17
/organism="Homo sapiens"
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/db_xref="taxon:9606"
Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 613 TCAGTCTGCTGGCTCC 629
1 TCAGTCTGCTGGCTCC 17
Db
RESULT 291
AX532378
LOCUS AX532378 17 bp DNA linear PAT 22-NOV-2002
DEFINITION Sequence 1887 from Patent EP1239051.
ACCESSION AX532378
VERSION AX532378.1 GI:25256533
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1
REFERENCE
AUTHORS Shannon,M.
TITLE Human posh-like protein 1
JOURNAL Patent: EP 1239051-A 1887 11-SEP-2002;
Aeomica, Inc. (US)
FEATURES
source
1. .17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 752 CCAGGTCCTAGGCTC 768
1 CCAGTCTGCTGGCTC 17
Db
RESULT 292
AX532379
LOCUS AX532379 17 bp DNA linear PAT 22-NOV-2002
DEFINITION Sequence 1888 from Patent EP1239051.
ACCESSION AX532379
VERSION AX532379.1 GI:25256535
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1
REFERENCE
AUTHORS Shannon,M.
TITLE Human posh-like protein 1
JOURNAL Patent: EP 1239051-A 1888 11-SEP-2002;
Aeomica, Inc. (US)
FEATURES
source
1. .17
/organism="Homo sapiens"

/mol_type="unassigned DNA"
/db_xref="taxon:9606"
Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 753 CAGGGTCCTAGGCTC 769
1 CATGGTCCTCGGCTC 17
Db
RESULT 293
AX532416/c
LOCUS AX532416 17 bp DNA linear PAT 22-NOV-2002
DEFINITION Sequence 1925 from Patent EP1239051.
ACCESSION AX532416
VERSION AX532416.1 GI:25256607
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1
REFERENCE
AUTHORS Shannon,M.
TITLE Human posh-like protein 1
JOURNAL Patent: EP 1239051-A 1925 11-SEP-2002;
Aeomica, Inc. (US)
FEATURES
source
1. .17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 777 GAGGCGAGCCCTCTGG 793
17 GAGGGATCCCTGTGG 1
Db
RESULT 294
AX578660
LOCUS AX578660 17 bp RNA linear PAT 10-JAN-2003
DEFINITION Sequence 498 from Patent WO0211674.
ACCESSION AX578660
VERSION AX578660.1 GI:27647862
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1
REFERENCE
AUTHORS Thompson,J., Mcswiggen,J., Mckenzie,T., Ayers,D., Szymkowski,D.E.
and Grupe,A.
TITLE Method and reagent for the inhibition of calcium activated chloride
channel-1 (clca-1)
JOURNAL Patent: WO 0211674-A 498 14-FEB-2002;
RIBOZYME PHARMACEUTICALS, INC. (US); Syntex (U.S.A.) LLC (US);
Thompson, James (US)
FEATURES
source
1. .17
/organism="Homo sapiens"
/mol_type="unassigned RNA"
/db_xref="taxon:9606"
Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 537 CCTGCTCCTAGGCTC 553

Db 1 CGTCTGCTCCTTGCTCT 17
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RESULT 295
AX634629
LOCUS
DEFINITION Sequence 1768 from Patent EP1260586.
ACCESSION AX634629
VERSION AX634629.1 GI:28470243
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS

Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Drenzo,A.,
Karpeisky,A., Draper,K.G., Kisch,K., Matulic-Adamic,J.,
Mcswigen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M.,
Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and
Wolff,T.
Method and reagent for inhibiting the expression of disease related
genes
Patent: EP 1260586-A 1768 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
LOCATION/Qualifiers
1. .17
/organism="unidentified"
/mol_type="unassigned RNA"
/db_xref="taxon:32644"

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 540 CTGCTCCTAGGCTCC 556
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Db 1 CTGCTCGTAGACCTCTC 17
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RESULT 296
AX634719
LOCUS
DEFINITION Sequence 1858 from Patent EP1260586.
ACCESSION AX634719
VERSION AX634719.1 GI:28470333
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS

Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Drenzo,A.,
Karpeisky,A., Draper,K.G., Kisch,K., Matulic-Adamic,J.,
Mcswigen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M.,
Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and
Wolff,T.
Method and reagent for inhibiting the expression of disease related
genes
Patent: EP 1260586-A 1858 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
LOCATION/Qualifiers
1. .17
/organism="unidentified"
/mol_type="unassigned RNA"
/db_xref="taxon:32644"

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 540 CTGCTCCTAGGCTCC 556
|||||

Db 1 CTGCTCGTAGACCTCTC 17
|||||

RESULT 297
AX634804
LOCUS

DEFINITION Sequence 1943 from Patent EP1260586.
ACCESSION AX634804
VERSION AX634804.1 GI:28470418
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS

Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Drenzo,A.,
Karpeisky,A., Draper,K.G., Kisch,K., Matulic-Adamic,J.,
Mcswigen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M.,
Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and
Wolff,T.
Method and reagent for inhibiting the expression of disease related
genes
Patent: EP 1260586-A 1943 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
LOCATION/Qualifiers
1. .17
/organism="unidentified"
/mol_type="unassigned RNA"
/db_xref="taxon:32644"

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 540 CTGCTCCTAGGCTCC 556
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Db 1 CTGCTCGTAGACCTCTC 17
|||||

RESULT 298
AX672664
LOCUS
DEFINITION Sequence 1109 from Patent WO03004526.
ACCESSION AX672664
VERSION AX672664.1 GI:29331012
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE

Homo sapiens (human)
Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or resistance to viruses and their use as
medicines
Patent: WO 03004526-A 1109 16-JAN-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
1. .17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 884 GATGCACTTACTTCTCA 900
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Db 1 GATGCACTTACTTCTTA 17
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RESULT 299
AX673264
LOCUS
DEFINITION Sequence 1709 from Patent WO03004526.
PAT 27-MAR-2003

ACCESSION AX673264
VERSION AX673264.1 GI:29331612
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
REFERENCE 1
AUTHORS Telerman,A., Anson,R. and Tuijnder,M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or resistance to viruses and their use as
medicines
JOURNAL Patent: WO 03004526-A 1709 16-JAN-2003;
Molecular Engines Laboratories (FR)
FEATURES Location/Qualifiers
source
1..17
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 638 GCTCCTAAGTCACAGAC 654 17 bp DNA linear PAT 27-MAR-2003
Db 1 GATCCTAAGCCATAGAC 17
RESULT 300
AX674580
LOCUS AX674580 17 bp DNA linear PAT 27-MAR-2003
DEFINITION Sequence 3025 from Patent WO03004526.
ACCESSION AX674580
VERSION AX674580.1 GI:29332928
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
REFERENCE 1
AUTHORS Telerman,A., Anson,R. and Tuijnder,M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or resistance to viruses and their use as
medicines
JOURNAL Patent: WO 03004526-A 3025 16-JAN-2003;
Molecular Engines Laboratories (FR)
FEATURES Location/Qualifiers
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1..17
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 586 GTTCTGTTTCTACAA 602 17 bp DNA linear PAT 31-MAR-2003
Db 1 GATCTGTTTCTTATAA 17
RESULT 301
AX687771/c
LOCUS AX687771 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 503 from Patent EP1281758.
ACCESSION AX687771
VERSION AX687771.1 GI:29410467
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
REFERENCE 1
AUTHORS Telerman,A., Anson,R. and Tuijnder,M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or resistance to viruses and their use as
medicines
JOURNAL Patent: WO 03004526-A 3025 16-JAN-2003;
Molecular Engines Laboratories (FR)
FEATURES Location/Qualifiers
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/db_xref="taxon:9606"
Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 586 GTTCTGTTTCTACAA 602 17 bp DNA linear PAT 08-MAY-2003
Db 1 GATCTGTTTCTTATAA 17
RESULT 302
AX726128
LOCUS AX726128 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 3815 from Patent WO03025176.
ACCESSION AX726128
VERSION AX726128.1 GI:30505471
KEYWORDS
SOURCE Mus musculus (house mouse)
ORGANISM
REFERENCE 1
AUTHORS Telerman,A., Anson,R. and Tuijnder,M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or virus resistance and their use as
medicines
JOURNAL Patent: WO 03025176-A 3815 27-MAR-2003;
Molecular Engines Laboratories (FR)
FEATURES Location/Qualifiers
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1..17
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/db_xref="taxon:10090"
Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 756 GGTCCCTAGGCTCCAC 772 17 bp DNA linear PAT 08-MAY-2003
Db 1 GATCCATGGGCTCCAC 17
RESULT 303
AX735549/c
LOCUS AX735549 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 1139 from Patent WO03025177.
ACCESSION AX735549
VERSION AX735549.1 GI:30514826
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
REFERENCE 1
AUTHORS Telerman,A., Anson,R. and Tuijnder,M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or resistance to viruses and the use
thereof as medicaments
JOURNAL Patent: WO 03025177-A 1139 27-MAR-2003;
Molecular Engines Laboratories (FR)
FEATURES Location/Qualifiers

REFERENCE 1
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
JOURNAL Patent: EP 1281758-A 503 05-FEB-2003;
Aeomica, Inc. (US)
FEATURES Location/Qualifiers
source
1..17
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 760 CCTAGGCTCCACTTCT 776 17 bp DNA linear PAT 08-MAY-2003
Db 1 CCTTGGCTCCAGTGCT 1

RESULT 302
AX726128
LOCUS AX726128 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 3815 from Patent WO03025176.
ACCESSION AX726128
VERSION AX726128.1 GI:30505471
KEYWORDS
SOURCE Mus musculus (house mouse)
ORGANISM
REFERENCE 1
AUTHORS Telerman,A., Anson,R. and Tuijnder,M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or virus resistance and their use as
medicines
JOURNAL Patent: WO 03025176-A 3815 27-MAR-2003;
Molecular Engines Laboratories (FR)
FEATURES Location/Qualifiers
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Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 756 GGTCCCTAGGCTCCAC 772 17 bp DNA linear PAT 08-MAY-2003
Db 1 GATCCATGGGCTCCAC 17

RESULT 303
AX735549/c
LOCUS AX735549 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 1139 from Patent WO03025177.
ACCESSION AX735549
VERSION AX735549.1 GI:30514826
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
REFERENCE 1
AUTHORS Telerman,A., Anson,R. and Tuijnder,M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or resistance to viruses and the use
thereof as medicaments
JOURNAL Patent: WO 03025177-A 1139 27-MAR-2003;
Molecular Engines Laboratories (FR)
FEATURES Location/Qualifiers

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source
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Query Match
3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 521 AATACTTTCCCAACATC 537
Db 17 AATACTTTCCCAATGATC 1

RESULT 304
AX736667
LOCUS AX736667 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 2257 from Patent WO03025177.
ACCESSION AX736667
VERSION AX736667.1 GI:30515955
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1.
AUTHORS Telerman,A., Amson,R. and Tuijinder,M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
thereof as medicaments and/or resistance to viruses and the use
thereof as medicaments
JOURNAL Patent: WO 03025177-A 2257 27-MAR-2003;
FEATURES Molecular Engines Laboratories (FR)
source
1..17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match
3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 638 GCTCCTAAGTCACAGAC 654
Db 1 GATCCTAAGTAAACATAC 17

RESULT 305
AX739276
LOCUS AX739276 17 bp DNA linear PAT 08-MAY-2003
DEFINITION Sequence 4866 from Patent WO03025177.
ACCESSION AX739276
VERSION AX739276.1 GI:30518573
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1.
AUTHORS Telerman,A., Amson,R. and Tuijinder,M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or resistance to viruses and the use
thereof as medicaments
JOURNAL Patent: WO 03025177-A 4866 27-MAR-2003;
FEATURES Molecular Engines Laboratories (FR)
source
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match
3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 638 GCTCCTAAGTCACAGAC 654
Db 1 GATCCTAAGTAAACATAC 17

RESULT 306
AX753897
LOCUS AX753897 17 bp DNA linear PAT 23-JUN-2003
DEFINITION Sequence 244 from Patent WO03037931.
ACCESSION AX753897
VERSION AX753897.1 GI:32166594
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1.
AUTHORS Shannon,M. and Phan,T.
TITLE Human angiotensin-like protein 1
JOURNAL Patent: WO 03037931-A 244 08-MAY-2003;
FEATURES Amersham Biosciences SV Corp. (US)
source
1..17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match
3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 775 CTGAGGGGAGGCCCTCT 791
Db 1 CTGAGGGGAGGCCCACT 17

RESULT 307
AX753898
LOCUS AX753898 17 bp DNA linear PAT 23-JUN-2003
DEFINITION Sequence 245 from Patent WO03037931.
ACCESSION AX753898
VERSION AX753898.1 GI:32166595
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
1.
AUTHORS Shannon,M. and Phan,T.
TITLE Human angiotensin-like protein 1
JOURNAL Patent: WO 03037931-A 245 08-MAY-2003;
FEATURES Amersham Biosciences SV Corp. (US)
source
1..17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match
3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 776 TGAGGGGAGGCCCTCTG 792
Db 1 TGAGGGGAGGCCCACTG 17

RESULT 308
AX757355/c
LOCUS AX757355 17 bp DNA linear PAT 25-JUN-2003
DEFINITION Sequence 676 from Patent WO03040369.

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Mon Mar 8 14:22:23 2004

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ACCESSION      AX757355
VERSION        AX757355.1  GI:32251971
KEYWORDS
SOURCE        Homo sapiens (human)
ORGANISM      Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
              Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
AUTHORS      1
TITLE       Telerman, A., Amson, R. and Tuijnder, M.
              Sequences involved in tumoral suppression, tumoral reversion,
              apoptosis and/or viral resistance phenomena and their use as
              medicines
JOURNAL      Patent: WO 03040369-A 676 15-MAY-2003;
              Molecular Engines Laboratories (FR)
FEATURES
source      1..17
              /organism="Homo sapiens"
              /mol_type="unassigned DNA"
              /db_xref="taxon:9606"
Query Match      3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      612 CTGACTCTGCTGCTTC 628
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          17 CTCTCTGCTGCTGATC 1

Db

RESULT 309
AX759333
LOCUS      AX759333      17 bp      DNA      linear      PAT 25-JUN-2003
DEFINITION      Sequence 2654 from Patent WO03040369.
ACCESSION      AX759333
VERSION      AX759333.1  GI:32253949
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM      Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
              Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
AUTHORS      1
TITLE       Telerman, A., Amson, R. and Tuijnder, M.
              Sequences involved in tumoral suppression, tumoral reversion,
              apoptosis and/or viral resistance phenomena and their use as
              medicines
JOURNAL      Patent: WO 03040369-A 2654 15-MAY-2003;
              Molecular Engines Laboratories (FR)
FEATURES
source      1..17
              /organism="Homo sapiens"
              /mol_type="unassigned DNA"
              /db_xref="taxon:9606"
Query Match      3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      870 GAACACTTCTCTGAGAT 886
          |||||
          1 GATCACTCTCTGAGTT 17

Db

RESULT 310
AX759485/c
LOCUS      AX759485      17 bp      DNA      linear      PAT 25-JUN-2003
DEFINITION      Sequence 2806 from Patent WO03040369.
ACCESSION      AX759485
VERSION      AX759485.1  GI:32254101
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM      Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
              Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
AUTHORS      1
TITLE       Telerman, A., Amson, R. and Tuijnder, M.
              Sequences involved in tumoral suppression, tumoral reversion,
              apoptosis and/or viral resistance phenomena and their use as
              medicines
JOURNAL      Patent: WO 03040369-A 3075 15-MAY-2003;
              Molecular Engines Laboratories (FR)
REFERENCE
AUTHORS      1
TITLE       Telerman, A., Amson, R. and Tuijnder, M.
              Sequences involved in tumoral suppression, tumoral reversion,
              apoptosis and/or viral resistance phenomena and their use as
              medicines
JOURNAL      Patent: WO 03040369-A 2806 15-MAY-2003;
              Molecular Engines Laboratories (FR)
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              /mol_type="unassigned DNA"
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Query Match      3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      800 GAGCTCTCTCTCCAACTC 816
          |||||
          1 GATCTGTCTCTCCAACTC 17

Db

RESULT 312
AX759754
LOCUS      AX759754      17 bp      DNA      linear      PAT 25-JUN-2003
DEFINITION      Sequence 3075 from Patent WO03040369.
ACCESSION      AX759754
VERSION      AX759754.1  GI:32254370
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM      Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
              Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
AUTHORS      1
TITLE       Telerman, A., Amson, R. and Tuijnder, M.
              Sequences involved in tumoral suppression, tumoral reversion,
              apoptosis and/or viral resistance phenomena and their use as
              medicines
JOURNAL      Patent: WO 03040369-A 3075 15-MAY-2003;
              Molecular Engines Laboratories (FR)

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FEATURES
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    Location/Qualifiers
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      /mol_type="unassigned DNA"
      /db_xref="taxon:9606"

Query Match
  Best Local Similarity 82.4%; Score 12.2; DB 1; Length 17;
  Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 638 GCTCCTAAGTCACAGAC 654
Db 1 GATCCTAAGCCATAGAC 17

RESULT 313
AX762592
LOCUS AX762592 17 bp DNA linear PAT 25-JUN-2003
DEFINITION Sequence 5913 from Patent WO03040369.
ACCESSION AX762592
VERSION AX762592.1 GI:32257208
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE
  1..17
  Telerman,A., Amson,R. and Tuijnder,M.
  Sequences involved in tumoral suppression, tumoral reversion,
  apoptosis and/or viral resistance phenomena and their use as
  medicines
JOURNAL Patent: WO 03040369-A 5913 15-MAY-2003;
  Molecular Engines Laboratories (FR)
FEATURES
  source
    Location/Qualifiers
      1..17
      /organism="Homo sapiens"
      /mol_type="unassigned DNA"
      /db_xref="taxon:9606"

Query Match
  Best Local Similarity 82.4%; Score 12.2; DB 1; Length 17;
  Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 586 GTTCGTGTTTCTACAA 602
Db 1 GATCGTTTCTCTTAA 17

RESULT 314
AX762740
LOCUS AX762740 17 bp DNA linear PAT 25-JUN-2003
DEFINITION Sequence 6061 from Patent WO03040369.
ACCESSION AX762740
VERSION AX762740.1 GI:32257356
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE
  1..17
  Telerman,A., Amson,R. and Tuijnder,M.
  Sequences involved in tumoral suppression, tumoral reversion,
  apoptosis and/or viral resistance phenomena and their use as
  medicines
JOURNAL Patent: WO 03040369-A 6061 15-MAY-2003;
  Molecular Engines Laboratories (FR)
FEATURES
  source
    Location/Qualifiers
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      /mol_type="unassigned DNA"
      /db_xref="taxon:9606"

Query Match
  Best Local Similarity 82.4%; Score 12.2; DB 1; Length 17;
  Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 586 GTTCGTGTTTCTACAA 602
Db 1 GATCGTTTCTCTTAA 17

RESULT 315
AX762809
LOCUS AX762809 17 bp DNA linear PAT 25-JUN-2003
DEFINITION Sequence 6130 from Patent WO03040369.
ACCESSION AX762809
VERSION AX762809.1 GI:32257425
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE
  1..17
  Telerman,A., Amson,R. and Tuijnder,M.
  Sequences involved in tumoral suppression, tumoral reversion,
  apoptosis and/or viral resistance phenomena and their use as
  medicines
JOURNAL Patent: WO 03040369-A 6130 15-MAY-2003;
  Molecular Engines Laboratories (FR)
FEATURES
  source
    Location/Qualifiers
      1..17
      /organism="Homo sapiens"
      /mol_type="unassigned DNA"
      /db_xref="taxon:9606"

Query Match
  Best Local Similarity 82.4%; Score 12.2; DB 1; Length 17;
  Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 586 GTTCGTGTTTCTACAA 602
Db 1 GATCGTTTCTCTTAA 17

RESULT 316
AX781921/c
LOCUS AX781921 17 bp DNA linear PAT 17-JUL-2003
DEFINITION Sequence 252 from Patent WO03050284.
ACCESSION AX781921
VERSION AX781921.1 GI:32949755
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE
  1..17
  Guo,J.
  Human prostate cancer candidate protein 1
  Patent: WO 03050284-A 252 19-JUN-2003;
  Amersham Biosciences (SV) Corp. (US)
  Location/Qualifiers
    1..17
    /organism="Homo sapiens"
    /mol_type="unassigned DNA"
    /db_xref="taxon:9606"

Query Match
  Best Local Similarity 82.4%; Score 12.2; DB 1; Length 17;
  Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 564 CTCCTCCACAGCAAGA 580
Db 17 CTCCTCACAGTCAAGA 1

RESULT 317
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BD104499
LOCUS          BD104499          17 bp      DNA          linear          PAT 27-AUG-2002
DEFINITION    Kit and method for determining HLA type.
ACCESSION     BD104499
VERSION       BD104499.1 GI:22650073
KEYWORDS      synthetic construct
SOURCE        synthetic construct
ORGANISM      artificial sequences.
REFERENCE     1 (bases 1 to 17)
AUTHORS       Inoko,H., Kagiya,T., Ichihara,T., Matsumura,Y., Moriya,S. and
              Nishida,M.
TITLE         Kit and method for determining HLA type
JOURNAL       Patent: WO 0192572-A 603 06-DEC-2001;
              NISSHINO INDUSTRIES INC,SYSTEM RESEARCH INC,HIDETOSHI INOKO, TAEKO
              KAGIYA, TATSUO ICHIHARA,YOSHIYUKI MATSUMURA,SHOGO MORIYA,MICHIO
              NISHIDA
COMMENT       OS Artificial Sequence
              PN WO 0192572-A/603
              PD 06-DEC-2001
              PF 01-JUN-2001 WO 2001JP004662
              PR 01-JUN-2000 JP 00P 164798
              PI HIDETOSHI INOKO,TAEKO KAGIYA,TATSUO ICHIHARA,YOSHIYUKI PI
              MATSUMURA,
              PC SHOGO MORIYA,MICHIO NISHIDA
              CC Cl2Q1/68,Cl2M1/00,Cl2N15/09,G01N33/53
              CC Description of Artificial Sequence:capture
              FH Key
              FT source
              FT Location/Qualifiers
              FT 1. .17
              FT /organism='Artificial Sequence'.
              FT 1. .17
              FT Location/Qualifiers
              FT /organism='synthetic construct'
              FT /mol_type='genomic DNA'
              FT /db_xref='taxon:32630'

Query Match          3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 825 CTGTGTCCTCTTTCTTC 841
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DB 1 CTGAGTGTCAATTTCTTC 17

RESULT 318
BD104751
LOCUS          BD104751          17 bp      DNA          linear          PAT 27-AUG-2002
DEFINITION    Kit and method for determining HLA type.
ACCESSION     BD104751
VERSION       BD104751.1 GI:22650325
KEYWORDS      synthetic construct
SOURCE        synthetic construct
ORGANISM      artificial sequences.
REFERENCE     1 (bases 1 to 17)
AUTHORS       Inoko,H., Kagiya,T., Ichihara,T., Matsumura,Y., Moriya,S. and
              Nishida,M.
TITLE         Kit and method for determining HLA type
JOURNAL       Patent: WO 0192572-A 855 06-DEC-2001;
              NISSHINO INDUSTRIES INC,SYSTEM RESEARCH INC,HIDETOSHI INOKO, TAEKO
              KAGIYA, TATSUO ICHIHARA,YOSHIYUKI MATSUMURA,SHOGO MORIYA,MICHIO
              NISHIDA
COMMENT       OS Artificial Sequence
              PN WO 0192572-A/855
              PD 06-DEC-2001
              PF 01-JUN-2001 WO 2001JP004662
              PR 01-JUN-2000 JP 00P 164798
              PI HIDETOSHI INOKO,TAEKO KAGIYA,TATSUO ICHIHARA,YOSHIYUKI PI
              MATSUMURA,
              PC SHOGO MORIYA,MICHIO NISHIDA
              CC Cl2Q1/68,Cl2M1/00,Cl2N15/09,G01N33/53
              CC Description of Artificial Sequence:capture

Query Match          3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 825 CTGTGTCCTCTTTCTTC 841
    ||| ||| ||| ||| |||
DB 1 CTGAGTGTCAATTTCTTC 17

RESULT 319
BD202712
LOCUS          BD202712          17 bp      RNA          linear          PAT 17-JUL-2003
DEFINITION    Method and reagent for treating diseases or conditions concerning
              molecule participating in vasculogenic response.
ACCESSION     BD202712.1 GI:33012482
VERSION       BD202712.1
KEYWORDS      JP 2002509721-A/5738.
SOURCE        Homo sapiens (human)
ORGANISM      Homo sapiens
              Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
              Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE     1 (bases 1 to 17)
AUTHORS       Pavco,P.A., Roberts,E., Jarvis,T., Coeshott,C. and Meswiggen,J.A.
TITLE         Method and reagent for treating diseases or conditions concerning
              molecule participating in vasculogenic response
JOURNAL       Patent: JP 2002509721-A 5738 02-APR-2002;
              RIBOZYME PHARMACEUTICALS INC
              OS Homo sapiens (human)
              PN JP 2002509721-A/5738
              PD 02-APR-2002
              PF 24-MAR-1999 JP 2000541291
              PR 27-MAR-1998 US 60/079678
              PI PAMELA A PAVCO,ELISABETH ROBERTS,THALE JARVIS,CLAIRE COESHOTT,
              PI JAMES A MCSWIGGEN
              PC Cl2N15/09,A61K31/7088,A61K31/7125,A61K48/00,A61P3/10,A61P17/06, PC
              A61P29/00,
              PC A61P35/00,A61P43/00,Cl2N5/10,Cl2N9/00//A61K35/76,Cl2N15/00, PC
              Cl2N5/00
              CC Method and reagent for treating diseases or conditions CC
              concerning molecule
              CC participating in vasculogenic response
              FH Key
              FT Location/Qualifiers
              FT source
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              FT Location/Qualifiers
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Query Match          3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 516 GTACCAATACCTTCCCA 532
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DB 1 GGAGCAATAGATTCCCA 17

RESULT 320
AR029959
LOCUS          AR029959          12 bp      DNA          linear          PAT 29-SEP-1999
DEFINITION    Sequence 148 from patent US 5861244.
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FH Key          Location/Qualifiers
FT source       1. .17
FT /organism='Artificial Sequence'.

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source
1. .17
/organism='synthetic construct'
/mol_type='genomic DNA'
/db_xref='taxon:32630'

Query Match          3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 825 CTGTGTCCTCTTTCTTC 841
    ||| ||| ||| ||| |||
DB 1 CTGAGTGTCAATTTCTTC 17

RESULT 319
BD202712
LOCUS          BD202712          17 bp      RNA          linear          PAT 17-JUL-2003
DEFINITION    Method and reagent for treating diseases or conditions concerning
              molecule participating in vasculogenic response.
ACCESSION     BD202712.1 GI:33012482
VERSION       BD202712.1
KEYWORDS      JP 2002509721-A/5738.
SOURCE        Homo sapiens (human)
ORGANISM      Homo sapiens
              Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
              Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE     1 (bases 1 to 17)
AUTHORS       Pavco,P.A., Roberts,E., Jarvis,T., Coeshott,C. and Meswiggen,J.A.
TITLE         Method and reagent for treating diseases or conditions concerning
              molecule participating in vasculogenic response
JOURNAL       Patent: JP 2002509721-A 5738 02-APR-2002;
              RIBOZYME PHARMACEUTICALS INC
              OS Homo sapiens (human)
              PN JP 2002509721-A/5738
              PD 02-APR-2002
              PF 24-MAR-1999 JP 2000541291
              PR 27-MAR-1998 US 60/079678
              PI PAMELA A PAVCO,ELISABETH ROBERTS,THALE JARVIS,CLAIRE COESHOTT,
              PI JAMES A MCSWIGGEN
              PC Cl2N15/09,A61K31/7088,A61K31/7125,A61K48/00,A61P3/10,A61P17/06, PC
              A61P29/00,
              PC A61P35/00,A61P43/00,Cl2N5/10,Cl2N9/00//A61K35/76,Cl2N15/00, PC
              Cl2N5/00
              CC Method and reagent for treating diseases or conditions CC
              concerning molecule
              CC participating in vasculogenic response
              FH Key
              FT Location/Qualifiers
              FT source
              FT 1. .17
              FT Location/Qualifiers
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              FT /mol_type='genomic RNA'
              FT /db_xref='taxon:9606'

Query Match          3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 516 GTACCAATACCTTCCCA 532
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DB 1 GGAGCAATAGATTCCCA 17

RESULT 320
AR029959
LOCUS          AR029959          12 bp      DNA          linear          PAT 29-SEP-1999
DEFINITION    Sequence 148 from patent US 5861244.
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to prevent a vi

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ACCESSION BD208796
VERSION BD208796.1 GI:33018566
KEYWORDS JP 2002512791-A/2386.
SOURCE unidentified
ORGANISM unclassified.
REFERENCE 1 (bases 1 to 15)
AUTHORS Blatt,L., McSwiggen,J.A., Roberts,E., Pavco,P.A. and Macejak,D.
TITLE Enzymatic nucleic acid treatment of diseases or conditions related
        to hepatitis C virus infection
JOURNAL Patent: JP 2002512791-A 2386 08-MAY-2002;
        RIBOZYME PHARMACEUTICALS INC
COMMENT OS Hepatitis virus (hepatitis C virus)
        EN JP 2002512791-A/2386
        PD 08-MAY-2002
        PF 26-APR-1999 JP 2000545991
        PR 27-APR-1998 US 60/083217,18-SEP-1998 US 60/100842 PR
        25-FEB-1999 US 09/257608,23-MAR-1999 US 09/274553 PI
        LAWRENCE BLATT, JAMES A MCSWIGGEN, ELISABETH ROBERTS, PAMELA A PI
        PAVCO,
        PI DENNIS MACEJAK
        PC C12N9/00,A61K31/7105,A61K38/21,A61K48/00,A61P31/12,C12N15/09,
        A61K37/66,
        PC C12N15/00
        CC Enzymatic nucleic acid treatment of diseases or conditions CC
        related to
        CC hepatitis C virus infection.
        FH Key Location/Qualifiers
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        FT /organism='Hepatitis virus (hepatitis C FT
        virus)',
        FEATURES
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        Location/Qualifiers
        1..15
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        /mol_type='genomic RNA'
        /db_xref='taxon:32644'
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Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 856 CTTGGCTCCAGT 867
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Db 1 CTTGGCTCCAGT 12
      |||||
RESULT 326
I37442/c
LOCUS 137442 17 bp DNA linear PAT 13-MAY-1997
DEFINITION Sequence 455 from patent US 5612215.
ACCESSION I37442
VERSION I37442.1 GI:2085402
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Draper,K.G., Pavco,P., McSwiggen,J., Gustofson,J. and
        Stinchcomb,D.T.
TITLE Stromelysin targeted ribozymes
JOURNAL Patent: US 5612215-A 455 18-MAR-1997;
        Location/Qualifiers
FEATURES
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        /mol_type='unassigned DNA'
Query Match 3.0%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 565 TCCTCCAGACC 576
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Db 17 TCCTCCAGACC 6
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ACCESSION BD208796
VERSION BD208796.1 GI:33018566
KEYWORDS JP 2002512791-A/2386.
SOURCE unidentified
ORGANISM unclassified.
REFERENCE 1 (bases 1 to 15)
AUTHORS Blatt,L., McSwiggen,J.A., Roberts,E., Pavco,P.A. and Macejak,D.
TITLE Enzymatic nucleic acid treatment of diseases or conditions related
        to hepatitis C virus infection
JOURNAL Patent: JP 2002512791-A 2386 08-MAY-2002;
        RIBOZYME PHARMACEUTICALS INC
COMMENT OS Hepatitis virus (hepatitis C virus)
        EN JP 2002512791-A/2386
        PD 08-MAY-2002
        PF 26-APR-1999 JP 2000545991
        PR 27-APR-1998 US 60/083217,18-SEP-1998 US 60/100842 PR
        25-FEB-1999 US 09/257608,23-MAR-1999 US 09/274553 PI
        LAWRENCE BLATT, JAMES A MCSWIGGEN, ELISABETH ROBERTS, PAMELA A PI
        PAVCO,
        PI DENNIS MACEJAK
        PC C12N9/00,A61K31/7105,A61K38/21,A61K48/00,A61P31/12,C12N15/09,
        A61K37/66,
        PC C12N15/00
        CC Enzymatic nucleic acid treatment of diseases or conditions CC
        related to
        CC hepatitis C virus infection.
        FH Key Location/Qualifiers
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        source
        Location/Qualifiers
        1..15
        /organism='unidentified'
        /mol_type='genomic RNA'
        /db_xref='taxon:32644'
Query Match 3.0%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 856 CTTGGCTCCAGT 867
      |||||
Db 1 CTTGGCTCCAGT 12
      |||||
RESULT 326
I37442/c
LOCUS 137442 17 bp DNA linear PAT 13-MAY-1997
DEFINITION Sequence 455 from patent US 5612215.
ACCESSION I37442
VERSION I37442.1 GI:2085402
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Draper,K.G., Pavco,P., McSwiggen,J., Gustofson,J. and
        Stinchcomb,D.T.
TITLE Stromelysin targeted ribozymes
JOURNAL Patent: US 5612215-A 455 18-MAR-1997;
        Location/Qualifiers
FEATURES
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        /organism='unknown'
        /mol_type='unassigned DNA'
Query Match 3.0%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 565 TCCTCCAGACC 576
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Db 17 TCCTCCAGACC 6
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RESULT 327
I94292/c
LOCUS 194292 17 bp DNA linear PAT 01-DEC-1998
DEFINITION Sequence 455 from patent US 5731295.
ACCESSION I94292
VERSION I94292.1 GI:3938762
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Draper,K.G., Pavco,P., McSwiggen,J., Gustofson,J. and
        Stinchcomb,D.T.
TITLE Method of reducing stromelysin RNA via ribozymes
JOURNAL Patent: US 5731295-A 455 24-MAR-1998;
        Location/Qualifiers
FEATURES
        source
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        /organism='unknown'
        /mol_type='unassigned DNA'
Query Match 3.0%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 565 TCCTCCAGACC 576
      |||||
Db 17 TCCTCCAGACC 6
      |||||
RESULT 328
AR188876
LOCUS AR188876 17 bp DNA linear PAT 20-APR-2002
DEFINITION Sequence 4364 from patent US 6346398.
ACCESSION AR188876
VERSION AR188876.1 GI:20234841
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions
        related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6346398-A 4364 12-FEB-2002;
        Location/Qualifiers
FEATURES
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        /organism='unknown'
        /mol_type='unassigned DNA'
Query Match 3.0%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 800 GAGCTCTCTCTCC 811
      |||||
Db 4 GAGCTCTCTCTCC 15
      |||||
RESULT 329
AR188877
LOCUS AR188877 17 bp DNA linear PAT 20-APR-2002
DEFINITION Sequence 4365 from patent US 6346398.
ACCESSION AR188877
VERSION AR188877.1 GI:20234842
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 17)
AUTHORS Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions
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related to levels of vascular endothelial growth factor receptor
Patent: US 6346398-A 4365 12-FEB-2002;

JOURNAL
FEATURES
source
Location/Qualifiers
1. 17
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 3.0%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 800 GAGCTCTCTCTCC 811
|||||
Db 2 GAGCTCTCTCTCC 13

RESULT 330
AR324729 17 bp RNA linear PAT 17-AUG-2003
LOCUS
DEFINITION Sequence 2131 from patent US 6566127.
ACCESSION AR324729
VERSION AR324729.1 GI:33710537

KEYWORDS
SOURCE
ORGANISM
REFERENCE 1 (bases 1 to 17)
AUTHORS Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6566127-A 2131 20-MAY-2003;
FEATURES Location/Qualifiers
source

Query Match 3.0%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 800 GAGCTCTCTCTCC 811
|||||
Db 4 GAGCTCTCTCTCC 15

RESULT 331
AR324730 17 bp RNA linear PAT 17-AUG-2003
LOCUS
DEFINITION Sequence 2132 from patent US 6566127.
ACCESSION AR324730
VERSION AR324730.1 GI:33710538

KEYWORDS
SOURCE
ORGANISM
REFERENCE 1 (bases 1 to 17)
AUTHORS Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6566127-A 2132 20-MAY-2003;
FEATURES Location/Qualifiers
source

Query Match 3.0%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 800 GAGCTCTCTCTCC 811
|||||
Db 2 GAGCTCTCTCTCC 13

RESULT 332
AR329517

LOCUS 17 bp RNA linear PAT 17-AUG-2003
DEFINITION Sequence 6919 from patent US 6566127.
ACCESSION AR329517

VERSION AR329517.1 GI:33715325
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1 (bases 1 to 17)
AUTHORS Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6566127-A 6919 20-MAY-2003;
FEATURES Location/Qualifiers
source

Query Match 3.0%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 800 GAGCTCTCTCTCC 811
|||||
Db 5 GAGCTCTCTCTCC 16

RESULT 333
AR329518 17 bp RNA linear PAT 17-AUG-2003
LOCUS
DEFINITION Sequence 6920 from patent US 6566127.
ACCESSION AR329518
VERSION AR329518.1 GI:33715326

KEYWORDS
SOURCE
ORGANISM
REFERENCE 1 (bases 1 to 17)
AUTHORS Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6566127-A 6920 20-MAY-2003;
FEATURES Location/Qualifiers
source

Query Match 3.0%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 800 GAGCTCTCTCTCC 811
|||||
Db 5 GAGCTCTCTCTCC 16

RESULT 334
AR329519 17 bp RNA linear PAT 17-AUG-2003
LOCUS
DEFINITION Sequence 6921 from patent US 6566127.
ACCESSION AR329519
VERSION AR329519.1 GI:33715327

KEYWORDS
SOURCE
ORGANISM
REFERENCE 1 (bases 1 to 17)
AUTHORS Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6566127-A 6921 20-MAY-2003;
FEATURES Location/Qualifiers
source

Query Match 3.0%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 800 GAGCTCTCTCTCC 811
|||||
Db 3 GAGCTCTCTCTCC 14

RESULT 334
AR329519 17 bp RNA linear PAT 17-AUG-2003
LOCUS
DEFINITION Sequence 6921 from patent US 6566127.
ACCESSION AR329519
VERSION AR329519.1 GI:33715327

KEYWORDS
SOURCE
ORGANISM
REFERENCE 1 (bases 1 to 17)
AUTHORS Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor

JOURNAL Patent: US 6566127-A 6921 20-MAY-2003;
FEATURES
source
1. .17
/organism="unknown"
/mol_type="unassigned RNA"

Query Match 3.0%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 800 GAGCTCTCTCTCC 811
Db 1 GAGCTCTCTCTCC 12

RESULT 335
LOCUS AR400946 17 bp DNA linear PAT 18-DEC-2003
DEFINITION Sequence 18 from patent US 6623920.
ACCESSION AR400946
VERSION AR400946.1 GI:40148238
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Bee,G.G., Yang,Y.Y., Kolk,D., Giachetti,C. and McDonough,S.H.
TITLE Detection of HIV-1 by nucleic acid amplification
JOURNAL Patent: US 6623920-A 18 23-SEP-2003;
FEATURES
source
1. .17
/organism="unknown"
/mol_type="genomic DNA"

Query Match 3.0%; Score 12; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 1.9e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 694 ACTGTACCTCTCCA 706
Db 17 ACTGTACCCNCCA 5

RESULT 336
LOCUS AX074105 17 bp DNA linear PAT 06-FEB-2001
DEFINITION Sequence 18 from Patent WO0104361.
ACCESSION AX074105
VERSION AX074105.1 GI:12710317
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Bee,G.G., Yang,Y.Y., Kolk,D.P., Giachetti,C. and McDonough,S.H.
TITLE Detection of hiv-1 by nucleic acid amplification
JOURNAL Patent: WO 0104361-A 18 18-JAN-2001.
Gen-Probe Incorporated (US); Bee, Gary G. (US); Yang, Yeasing Y. (US); Kolk, Dan P. (US); Giachetti, Cristina (US); McDonough, Sherrol Hoffa (US)
FEATURES
source
1. .17
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="synthetic oligomer probe"
modified_base 8
/mod_base=1

Query Match 3.0%; Score 12; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 1.9e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 694 ACTGTACCTCTCCA 706
Db 17 ACTGTACCCNCCA 5

RESULT 337
LOCUS AX227688 17 bp RNA linear PAT 10-SEP-2001
DEFINITION Sequence 1060 from Patent WO0157206.
ACCESSION AX227688
VERSION AX227688.1 GI:15556829
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Fattaey,A.R., Jarvis,T., Mcswiggen,J., Bocher,R.N. and Holman,P.S.
TITLE Method and reagent for the inhibition of checkpoint kinase-1 (chk 1) enzyme
JOURNAL Patent: WO 0157206-A 1060 09-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Fattaey, Ali R. (US)
FEATURES
source
1. .17
/organism="synthetic construct"
/mol_type="unassigned RNA"
/db_xref="taxon:32630"

Query Match 3.0%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 801 AGCTCTCTCTCCA 812
Db 16 AGCTCTCTCTCCA 5

RESULT 338
LOCUS AX263492 17 bp DNA linear PAT 26-OCT-2001
DEFINITION Sequence 883 from Patent WO0173002.
ACCESSION AX263492
VERSION AX263492.1 GI:16512291
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Kmiec,B.B., Gamper,H.B. and Rice,M.C.
TITLE Targeted chromosomal genomic alterations with modified single stranded oligonucleotides
JOURNAL Patent: WO 0173002-A 883 04-OCT-2001;
UNIVERSITY OF DELAWARE (US)
FEATURES
source
1. .17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 3.0%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 877 TTCTCTGAGATGC 888
Db 14 TTCTCTGAGATGC 3

RESULT 339
LOCUS AX263493 17 bp DNA linear PAT 26-OCT-2001
DEFINITION Sequence 884 from Patent WO0173002.
ACCESSION AX263493

JOURNAL Patent: US 6566127-A 6921 20-MAY-2003;
FEATURES
source
1. .17
/organism="unknown"
/mol_type="unassigned RNA"

Query Match 3.0%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 800 GAGCTCTCTCTCC 811
Db 1 GAGCTCTCTCTCC 12

RESULT 335
LOCUS AR400946 17 bp DNA linear PAT 18-DEC-2003
DEFINITION Sequence 18 from patent US 6623920.
ACCESSION AR400946
VERSION AR400946.1 GI:40148238
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 17)
AUTHORS Bee,G.G., Yang,Y.Y., Kolk,D., Giachetti,C. and McDonough,S.H.
TITLE Detection of HIV-1 by nucleic acid amplification
JOURNAL Patent: US 6623920-A 18 23-SEP-2003;
FEATURES
source
1. .17
/organism="unknown"
/mol_type="genomic DNA"

Query Match 3.0%; Score 12; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 1.9e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 694 ACTGTACCTCTCCA 706
Db 17 ACTGTACCCNCCA 5

RESULT 336
LOCUS AX074105 17 bp DNA linear PAT 06-FEB-2001
DEFINITION Sequence 18 from Patent WO0104361.
ACCESSION AX074105
VERSION AX074105.1 GI:12710317
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Bee,G.G., Yang,Y.Y., Kolk,D.P., Giachetti,C. and McDonough,S.H.
TITLE Detection of hiv-1 by nucleic acid amplification
JOURNAL Patent: WO 0104361-A 18 18-JAN-2001.
Gen-Probe Incorporated (US); Bee, Gary G. (US); Yang, Yeasing Y. (US); Kolk, Dan P. (US); Giachetti, Cristina (US); McDonough, Sherrol Hoffa (US)
FEATURES
source
1. .17
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="synthetic oligomer probe"
modified_base 8
/mod_base=1

Query Match 3.0%; Score 12; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 1.9e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 694 ACTGTACCTCTCCA 706
Db 17 ACTGTACCCNCCA 5

RESULT 337
LOCUS AX227688 17 bp RNA linear PAT 10-SEP-2001
DEFINITION Sequence 1060 from Patent WO0157206.
ACCESSION AX227688
VERSION AX227688.1 GI:15556829
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Fattaey,A.R., Jarvis,T., Mcswiggen,J., Bocher,R.N. and Holman,P.S.
TITLE Method and reagent for the inhibition of checkpoint kinase-1 (chk 1) enzyme
JOURNAL Patent: WO 0157206-A 1060 09-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Fattaey, Ali R. (US)
FEATURES
source
1. .17
/organism="synthetic construct"
/mol_type="unassigned RNA"
/db_xref="taxon:32630"

Query Match 3.0%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 801 AGCTCTCTCTCCA 812
Db 16 AGCTCTCTCTCCA 5

RESULT 338
LOCUS AX263492 17 bp DNA linear PAT 26-OCT-2001
DEFINITION Sequence 883 from Patent WO0173002.
ACCESSION AX263492
VERSION AX263492.1 GI:16512291
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Kmiec,B.B., Gamper,H.B. and Rice,M.C.
TITLE Targeted chromosomal genomic alterations with modified single stranded oligonucleotides
JOURNAL Patent: WO 0173002-A 883 04-OCT-2001;
UNIVERSITY OF DELAWARE (US)
FEATURES
source
1. .17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 3.0%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 877 TTCTCTGAGATGC 888
Db 14 TTCTCTGAGATGC 3

RESULT 339
LOCUS AX263493 17 bp DNA linear PAT 26-OCT-2001
DEFINITION Sequence 884 from Patent WO0173002.
ACCESSION AX263493

TITLE	1	Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
JOURNAL		Patient: WO 03025176-A 5858 27-MAR-2003; Molecular Engines Laboratories (FR)
FEATURES		Location/Qualifiers
source		1. .17 /organism="Mus musculus" /mol_type="unassigned DNA" /db_xref="taxon:10090"
Query Match		3.0%; Score 12; DB 1; Length 17;
Best Local Similarity		100.0%; Pred. No. 1.9e-02;
Matches	12; Conservative	0; Mismatches 0; Indels 0; Gaps 0;
QY	622	CTGGTTCCTGAG 633
Db	4	CTGGTTCCTGAG 15
RESULT 342		
AX728663		17 bp DNA linear PAT 08-MAY-2003
LOCUS		AX728663
DEFINITION		Sequence 297 from Patent WO03025175.
ACCESSION		AX728663
VERSION		AX728663.1 GI:30508006
KEYWORDS		
SOURCE		Homo sapiens (human)
ORGANISM		Homo sapiens
REFERENCE		Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
AUTHORS		1
TITLE		Telerman,A., Anson,R. and Tuijnder,M.
JOURNAL		Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
FEATURES		Location/Qualifiers
source		1. .17 /organism="Homo sapiens" /mol_type="unassigned DNA" /db_xref="taxon:9606"
Query Match		3.0%; Score 12; DB 1; Length 17;
Best Local Similarity		100.0%; Pred. No. 1.9e-02;
Matches	12; Conservative	0; Mismatches 0; Indels 0; Gaps 0;
QY	830	TCTCTTTCTTC 841
Db	3	TCTCTTTCTTC 14
RESULT 343		
AX729053		17 bp DNA linear PAT 08-MAY-2003
LOCUS		AX729053
DEFINITION		Sequence 687 from Patent WO03025175.
ACCESSION		AX729053
VERSION		AX729053.1 GI:30508396
KEYWORDS		
SOURCE		Homo sapiens (human)
ORGANISM		Homo sapiens
REFERENCE		Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
AUTHORS		1
TITLE		Telerman,A., Anson,R. and Tuijnder,M.
JOURNAL		Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
FEATURES		Location/Qualifiers
source		1. .17 /organism="Homo sapiens" /mol_type="unassigned DNA" /db_xref="taxon:9606"
Query Match		3.0%; Score 12; DB 1; Length 17;
Best Local Similarity		100.0%; Pred. No. 1.9e-02;
Matches	12; Conservative	0; Mismatches 0; Indels 0; Gaps 0;
QY	830	TCTCTTTCTTC 841
Db	3	TCTCTTTCTTC 14
RESULT 342		
AX729053		17 bp DNA linear PAT 08-MAY-2003
LOCUS		AX729053
DEFINITION		Sequence 687 from Patent WO03025175.
ACCESSION		AX729053
VERSION		AX729053.1 GI:30508396
KEYWORDS		
SOURCE		Homo sapiens (human)
ORGANISM		Homo sapiens
REFERENCE		Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
AUTHORS		1
TITLE		Telerman,A., Anson,R. and Tuijnder,M.
JOURNAL		Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
FEATURES		Location/Qualifiers
source		1. .17 /organism="Homo sapiens" /mol_type="unassigned DNA" /db_xref="taxon:9606"
Query Match		3.0%; Score 12; DB 1; Length 17;
Best Local Similarity		100.0%; Pred. No. 1.9e-02;
Matches	12; Conservative	0; Mismatches 0; Indels 0; Gaps 0;
QY	830	TCTCTTTCTTC 841
Db	3	TCTCTTTCTTC 14
RESULT 343		
AX729053		17 bp DNA linear PAT 08-MAY-2003
LOCUS		AX729053
DEFINITION		Sequence 687 from Patent WO03025175.
ACCESSION		AX729053
VERSION		AX729053.1 GI:30508396
KEYWORDS		
SOURCE		Homo sapiens (human)
ORGANISM		Homo sapiens
REFERENCE		Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
AUTHORS		1
TITLE		Telerman,A., Anson,R. and Tuijnder,M.
JOURNAL		Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
FEATURES		Location/Qualifiers
source		1. .17 /organism="Homo sapiens" /mol_type="unassigned DNA" /db_xref="taxon:9606"
Query Match		3.0%; Score 12; DB 1; Length 17;
Best Local Similarity		100.0%; Pred. No. 1.9e-02;
Matches	12; Conservative	0; Mismatches 0; Indels 0; Gaps 0;
QY	830	TCTCTTTCTTC 841
Db	3	TCTCTTTCTTC 14
RESULT 342		
AX729053		17 bp DNA linear PAT 08-MAY-2003
LOCUS		AX729053
DEFINITION		Sequence 687 from Patent WO03025175.
ACCESSION		AX729053
VERSION		AX729053.1 GI:30508396
KEYWORDS		
SOURCE		Homo sapiens (human)
ORGANISM		Homo sapiens
REFERENCE		Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
AUTHORS		1
TITLE		Telerman,A., Anson,R. and Tuijnder,M.
JOURNAL		Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
FEATURES		Location/Qualifiers
source		1. .17 /organism="Homo sapiens" /mol_type="unassigned DNA" /db_xref="taxon:9606"
Query Match		3.0%; Score 12; DB 1; Length 17;
Best Local Similarity		100.0%; Pred. No. 1.9e-02;
Matches	12; Conservative	0; Mismatches 0; Indels 0; Gaps 0;
QY	830	TCTCTTTCTTC 841
Db	3	TCTCTTTCTTC 14
RESULT 343		

schultz149-3.rge

Mon Mar 8 14:22:23 2004

Db 15 TGGAGGATCCCCAGG 1

RESULT 346

LOCUS

DEFINITION

ACCESSION

VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

FEATURES

source

1. 15

/organism="unidentified"

/mol_type="unassigned DNA"

/db_xref="taxon:32644"

Query Match

Best Local Similarity

Matches

13; Conservative

0; Mismatches

2; Indels

0; Gaps

0; Length

15;

QY

766 CCTCCACTTCTGAGG 780

Db

1 CCTCCACTTCTGAGG 15

RESULT 347

LOCUS

DEFINITION

ACCESSION

VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

FEATURES

source

1. 15

/organism="unidentified"

/mol_type="unassigned DNA"

/db_xref="taxon:32644"

Query Match

Best Local Similarity

Matches

13; Conservative

0; Mismatches

2; Indels

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15;

QY

766 CCTCCACTTCTGAGG 780

Db

15 CCTCCACTTCTGAGG 1

/organism="Homo sapiens"

/mol_type="unassigned DNA"

/db_xref="taxon:9606"

Query Match 3.0%; Score 12; DB 1; Length 17;

Best Local Similarity 100.0%; Pred. No. 1.9e+02;

Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 868 TGGACACTTTC 879

Db 5 TGGACACTTTC 16

RESULT 344

LOCUS

DEFINITION

ACCESSION

VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

FEATURES

source

1. 17

/organism="Homo sapiens"

/mol_type="unassigned DNA"

/db_xref="taxon:9606"

Query Match

Best Local Similarity

Matches

12; Conservative

0; Mismatches

0; Indels

0; Gaps

0; Length

17;

QY

868 TGGACACTTTC 879

Db

5 TGGACACTTTC 16

RESULT 345

LOCUS

DEFINITION

ACCESSION

VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

FEATURES

source

1. 15

/organism="unidentified"

/mol_type="unassigned DNA"

/db_xref="taxon:32644"

Query Match

Best Local Similarity

Matches

13; Conservative

0; Mismatches

2; Indels

0; Gaps

0; Length

15;

QY

674 TGGCGGACCCCGAGG 688

Db

5 TGGCGGACCCCGAGG 16

RESULT 346

LOCUS

DEFINITION

ACCESSION

VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

FEATURES

source

1. 15

/organism="unidentified"

/mol_type="unassigned DNA"

/db_xref="taxon:32644"

Query Match

Best Local Similarity

Matches

13; Conservative

0; Mismatches

2; Indels

0; Gaps

0; Length

15;

QY

674 TGGCGGACCCCGAGG 688

Db

5 TGGCGGACCCCGAGG 16

RESULT 347

LOCUS

DEFINITION

ACCESSION

VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

FEATURES

source

1. 15

/organism="unidentified"

/mol_type="unassigned DNA"

/db_xref="taxon:32644"

Query Match

Best Local Similarity

Matches

13; Conservative

0; Mismatches

2; Indels

0; Gaps

0; Length

15;

QY

674 TGGCGGACCCCGAGG 688

Db

5 TGGCGGACCCCGAGG 16

RESULT 348

LOCUS

DEFINITION

ACCESSION

VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

FEATURES

source

1. 15

/organism="unidentified"

/mol_type="unassigned DNA"

/db_xref="taxon:32644"

Query Match

Best Local Similarity

Matches

13; Conservative

0; Mismatches

2; Indels

0; Gaps

0; Length

15;

QY

674 TGGCGGACCCCGAGG 688

Db

5 TGGCGGACCCCGAGG 16

RESULT 349

LOCUS

DEFINITION

ACCESSION

VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

FEATURES

source

1. 15

/organism="unidentified"

/mol_type="unassigned DNA"

/db_xref="taxon:32644"

Query Match

Best Local Similarity

Matches

13; Conservative

0; Mismatches

2; Indels

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QY

674 TGGCGGACCCCGAGG 688

Db

5 TGGCGGACCCCGAGG 16

RESULT 350

LOCUS

DEFINITION

ACCESSION

VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

FEATURES

source

1. 15

/organism="unidentified"

/mol_type="unassigned DNA"

/db_xref="taxon:32644"

Query Match

Best Local Similarity

Matches

13; Conservative

0; Mismatches

2; Indels

0; Gaps

0; Length

15;

QY

674 TGGCGGACCCCGAGG 688

Db

5 TGGCGGACCCCGAGG 16

RESULT 351

LOCUS

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REFERENCE 1 (bases 1 to 15)
AUTHORS Brysch,W.D. and Schlingensiepen,K.D.
TITLE An antisense oligonucleotide preparation method
JOURNAL Patent: EP 0856579-A 323 05-AUG-1996;
BIOGNOSTIK GES (DE)
FEATURES
source
    Location/Qualifiers
        3.0%; Score 11.8; DB 1; Length 15;
        Best Local Similarity 86.7%; Pred. No. 1.8e+02;
        Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 766 CCTCCTCTTCAGAGG 780
Db 1 CCTCCTCTTCAGAGG 15

RESULT 349
LOCUS AR033638 15 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 404 from patent US 5869253.
ACCESSION AR033638
VERSION AR033638.1 GI:5949243
KEYWORDS
SOURCE
    ORGANISM
        Unknown.
        Unclassified.
        1 (bases 1 to 15)
    AUTHORS Draper,K.G.
    TITLE Method and reagent for inhibiting hepatitis C virus replication
    JOURNAL Patent: US 5869253-A 404 09-FEB-1999;
    FEATURES
        source
            Location/Qualifiers
                3.0%; Score 11.8; DB 1; Length 15;
                Best Local Similarity 86.7%; Pred. No. 1.8e+02;
                Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 533 ACATCCTCTGCTCCT 547
Db 1 ACATCGTCTGCTGCT 15

RESULT 350
LOCUS AR039092 15 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 22 from patent US 5807732.
ACCESSION AR039092
VERSION AR039092.1 GI:5958455
KEYWORDS
SOURCE
    ORGANISM
        Unknown.
        Unclassified.
        1 (bases 1 to 15)
    AUTHORS Lowe,J.B., Lennon,G., Rouquier,S., Giorgi,D. and Kelly,R.J.
    TITLE GDP-L-fucose: .beta.-D-galactoside 2-.alpha.-L-fucosyltransferases,
        DNA sequences encoding the same, method for producing the same and
        a method of genotyping a person
    JOURNAL Patent: US 5807732-A 22 15-SEP-1998;
    FEATURES
        source
            Location/Qualifiers
                3.0%; Score 11.8; DB 1; Length 15;
                Best Local Similarity 86.7%; Pred. No. 1.8e+02;
                Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

REFERENCE 1 (bases 1 to 15)
AUTHORS Brysch,W.D. and Schlingensiepen,K.D.
TITLE An antisense oligonucleotide preparation method
JOURNAL Patent: EP 0856579-A 323 05-AUG-1996;
BIOGNOSTIK GES (DE)
FEATURES
source
    Location/Qualifiers
        3.0%; Score 11.8; DB 1; Length 15;
        Best Local Similarity 86.7%; Pred. No. 1.8e+02;
        Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 541 TGCTCCTAGCCCTCC 555
Db 1 TGCTCCTAGACCTTC 15

RESULT 351
LOCUS AR041848 15 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 638 from patent US 5811300.
ACCESSION AR041848
VERSION AR041848.1 GI:5962344
KEYWORDS
SOURCE
    ORGANISM
        Unknown.
        Unclassified.
        1 (bases 1 to 15)
    AUTHORS Sullivan,S., Draper,K., Kisich,K., Stinchcomb,D.T. and McSwiggen,J.
    TITLE TNF-.alpha. ribozymes
    JOURNAL Patent: US 5811300-A 638 22-SEP-1998;
    FEATURES
        source
            Location/Qualifiers
                3.0%; Score 11.8; DB 1; Length 15;
                Best Local Similarity 86.7%; Pred. No. 1.8e+02;
                Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 604 ACAGAGTACTGACTC 618
Db 15 ACAGAGCAATGACTC 1

RESULT 352
LOCUS AR056193 15 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 397 from patent US 5837542.
ACCESSION AR056193
VERSION AR056193.1 GI:5981770
KEYWORDS
SOURCE
    ORGANISM
        Unknown.
        Unclassified.
        1 (bases 1 to 15)
    AUTHORS Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and
        Draper,K.G.
    TITLE Intercellular adhesion molecule-1 (ICAM-1) ribozymes
    JOURNAL Patent: US 5837542-A 397 17-NOV-1998;
    FEATURES
        source
            Location/Qualifiers
                3.0%; Score 11.8; DB 1; Length 15;
                Best Local Similarity 86.7%; Pred. No. 1.8e+02;
                Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 538 CTCCTGCTCTAGGCC 552
Db 1 CTCCTGCTCTAGGCC 15

RESULT 353
LOCUS AR056195 15 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 399 from patent US 5837542.
ACCESSION AR056195
VERSION AR056195.1 GI:5981772
KEYWORDS
SOURCE
    ORGANISM
        Unknown.
        Unclassified.
        1 (bases 1 to 15)
    AUTHORS Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and
        Draper,K.G.
    TITLE Intercellular adhesion molecule-1 (ICAM-1) ribozymes
    JOURNAL Patent: US 5837542-A 397 17-NOV-1998;
    FEATURES
        source
            Location/Qualifiers
                3.0%; Score 11.8; DB 1; Length 15;
                Best Local Similarity 86.7%; Pred. No. 1.8e+02;
                Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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Mon Mar 8 14:22:23 2004

AUTHORS Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and Draper,K.G.
TITLE Intercellular adhesion molecule-1 (ICAM-1) ribozymes
JOURNAL Patent: US 5837542-A 399 17-NOV-1998;
FEATURES Location/Qualifiers
source 1..15
/organism="unknown"
/mol_type="unassigned DNA"
Query Match 3.0%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 538 CTCTGCTCCTAGGCC 552
Db 1 CTCTGCTCCTAGGCC 15
RESULT 354
AR056198 15 bp DNA linear PAT 29-SEP-1999
LOCUS Sequence 402 from patent US 5837542.
DEFINITION AR056198
ACCESSION AR056198
VERSION AR056198.1 GI:5981775
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 15)
AUTHORS Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and Draper,K.G.
TITLE Intercellular adhesion molecule-1 (ICAM-1) ribozymes
JOURNAL Patent: US 5837542-A 402 17-NOV-1998;
FEATURES Location/Qualifiers
source 1..15
/organism="unknown"
/mol_type="unassigned DNA"
Query Match 3.0%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 538 CTCTGCTCCTAGGCC 552
Db 1 CTCTGCTCCTAGGCC 15
RESULT 355
AR113460 15 bp DNA linear PAT 16-MAY-2001
LOCUS Sequence 404 from patent US 6132966.
DEFINITION AR113460
ACCESSION AR113460
VERSION AR113460.1 GI:14093782
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 15)
AUTHORS Draper,K.G.
TITLE Method and reagent for inhibiting hepatitis C virus replication
JOURNAL Patent: US 6132966-A 404 17-OCT-2000;
FEATURES Location/Qualifiers
source 1..15
/organism="unknown"
/mol_type="unassigned DNA"
Query Match 3.0%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 533 ACATCCTCTGCTCCT 547
Db 1 ACATCCTCTGCTCCT 15

RESULT 356
AR113951 15 bp DNA linear PAT 16-MAY-2001
LOCUS Sequence 397 from patent US 6132967.
DEFINITION AR113951
ACCESSION AR113951
VERSION AR113951.1 GI:14094273
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 15)
AUTHORS Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and Draper,K.G.
TITLE Ribozyme treatment of diseases or conditions related to levels of intercellular adhesion molecule-1 (ICAM-1)
JOURNAL Patent: US 6132967-A 397 17-OCT-2000;
FEATURES Location/Qualifiers
source 1..15
/organism="unknown"
/mol_type="unassigned DNA"
Query Match 3.0%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 538 CTCTGCTCCTAGGCC 552
Db 1 CTCTGCTCCTAGGCC 15
RESULT 357
AR113953 15 bp DNA linear PAT 16-MAY-2001
LOCUS Sequence 399 from patent US 6132967.
DEFINITION AR113953
ACCESSION AR113953
VERSION AR113953.1 GI:14094275
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 15)
AUTHORS Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and Draper,K.G.
TITLE Ribozyme treatment of diseases or conditions related to levels of intercellular adhesion molecule-1 (ICAM-1)
JOURNAL Patent: US 6132967-A 399 17-OCT-2000;
FEATURES Location/Qualifiers
source 1..15
/organism="unknown"
/mol_type="unassigned DNA"
Query Match 3.0%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 538 CTCTGCTCCTAGGCC 552
Db 1 CTCTGCTCCTAGGCC 15
RESULT 358
AR113956 15 bp DNA linear PAT 16-MAY-2001
LOCUS Sequence 402 from patent US 6132967.
DEFINITION AR113956
ACCESSION AR113956
VERSION AR113956.1 GI:14094278
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 15)

AUTHORS Grimm, S., Stinchcomb, D.T., McSwiggen, J., Sullivan, S. and Draper, K.G.
TITLE Ribozyme treatment of diseases or conditions related to levels of intercellular adhesion molecule-1 (ICAM-1)
JOURNAL Patent: US 6132967-A 402 17-OCT-2000;
FEATURES Location/Qualifiers
source 1..15
/organism="unknown"
/mol_type="unassigned DNA"
Query Match 3.0%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 538 CTCTGCTCTCTAGGCC 552
|||||
Db 1 CTCTGCTCTCTGGCCC 15
RESULT 359
LOCUS I57867 15 bp DNA linear PAT 07-OCT-1997
DEFINITION Sequence 404 from patent US 5610054.
ACCESSION I57867
VERSION I57867.1 GI:2482931
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 15)
AUTHORS Draper, K.G.
TITLE Enzymatic RNA molecule targeted against Hepatitis C virus
JOURNAL Patent: US 5610054-A 404 11-MAR-1997;
FEATURES Location/Qualifiers
source 1..15
/organism="unknown"
/mol_type="unassigned DNA"
Query Match 3.0%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 533 ACATCCTCTGCTCCT 547
|||||
Db 1 ACATCGTCTGCTGCT 15
RESULT 360
LOCUS I61542 15 bp DNA linear PAT 07-OCT-1997
DEFINITION Sequence 96 from patent US 5658780.
ACCESSION I61542
VERSION I61542.1 GI:2479490
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 15)
AUTHORS Stinchcomb, D.T., Draper, K.G. and McSwiggen, J.
TITLE Rel a targeted ribozymes
JOURNAL Patent: US 5658780-A 96 19-AUG-1997;
FEATURES Location/Qualifiers
source 1..15
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/mol_type="unassigned DNA"
Query Match 3.0%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 798 AAGAGCTCTCTCCCA 812
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Db 1 AAGACTTCTCTCCCA 15

RESULT 361
LOCUS I61731 15 bp DNA linear PAT 07-OCT-1997
DEFINITION Sequence 285 from patent US 5658780.
ACCESSION I61731
VERSION I61731.1 GI:2479679
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 15)
AUTHORS Stinchcomb, D.T., Draper, K.G. and McSwiggen, J.
TITLE Rel a targeted ribozymes
JOURNAL Patent: US 5658780-A 285 19-AUG-1997;
FEATURES Location/Qualifiers
source 1..15
/organism="unknown"
/mol_type="unassigned DNA"
Query Match 3.0%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 798 AAGAGCTCTCTCCCA 812
|||||
Db 1 AAGACTTCTCTCCCA 15
RESULT 362
LOCUS AX495997 15 bp DNA linear PAT 26-SEP-2002
DEFINITION Sequence 1762 from Patent WO02059256.
ACCESSION AX495997
VERSION AX495997.1 GI:23341607
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Tuijinder, M., Telerman, A., Anson, R. and Susini, L.
TITLE Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
JOURNAL Patent: WO 02059256-A 1762 01-AUG-2002;
FEATURES Location/Qualifiers
source 1..15
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
Query Match 3.0%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 867 TTGGACACTTTCCT 881
|||||
Db 1 TTGGAAATTTTCCT 15
RESULT 363
LOCUS AX633252 15 bp RNA linear PAT 21-FEB-2003
DEFINITION Sequence 391 from Patent EP1260586.
ACCESSION AX633252
VERSION AX633252.1 GI:28468866
KEYWORDS
SOURCE unidentified
ORGANISM unidentified
unclassified.

REFERENCE
AUTHORS
Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Drenzo,A.,
Karpeisky,A., Draper,K.G., Kisich,K., Matulic-Adamic,J.,
Mcswiggen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M.,
Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and
Woolf,T.
TITLE
Method and reagent for inhibiting the expression of disease related
genes
JOURNAL
Patent: EP 1260586-A 391 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
FEATURES
source
1. .15
/organism="unidentified"
/mol_type="unassigned RNA"
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Query Match 3.0%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 538 CTCGTCTCTAGGCC 552
Db 1 CTCGTCTCTAGGCC 15

RESULT 364
AX633254
LOCUS 15 bp RNA linear PAT 21-FEB-2003
DEFINITION
Sequence 393 from Patent EP1260586.
ACCESSION
AX633254
VERSION
AX633254.1 GI:28468868
KEYWORDS
unidentified
SOURCE
unidentified
ORGANISM
unclassified.

REFERENCE
AUTHORS
Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Drenzo,A.,
Karpeisky,A., Draper,K.G., Kisich,K., Matulic-Adamic,J.,
Mcswiggen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M.,
Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and
Woolf,T.
TITLE
Method and reagent for inhibiting the expression of disease related
genes
JOURNAL
Patent: EP 1260586-A 393 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
FEATURES
source
1. .15
/organism="unidentified"
/mol_type="unassigned RNA"
/db_xref="taxon:32644"

Query Match 3.0%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 538 CTCGTCTCTAGGCC 552
Db 1 CTCGTCTCTAGGCC 15

RESULT 365
AX633257
LOCUS 15 bp RNA linear PAT 21-FEB-2003
DEFINITION
Sequence 396 from Patent EP1260586.
ACCESSION
AX633257
VERSION
AX633257.1 GI:28468871
KEYWORDS
unidentified
SOURCE
unidentified
ORGANISM
unclassified.

REFERENCE
AUTHORS
Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Drenzo,A.,
Karpeisky,A., Draper,K.G., Kisich,K., Matulic-Adamic,J.,
Mcswiggen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M.,
Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and
Woolf,T.

Mcswiggen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M.,
Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and
Woolf,T.
TITLE
Method and reagent for inhibiting the expression of disease related
genes
JOURNAL
Patent: EP 1260586-A 396 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
FEATURES
source
1. .15
/organism="unidentified"
/mol_type="unassigned RNA"
/db_xref="taxon:32644"

Query Match 3.0%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 538 CTCGTCTCTAGGCC 552
Db 1 CTCGTCTCTAGGCC 15

RESULT 366
AX636036
LOCUS 15 bp RNA linear PAT 21-FEB-2003
DEFINITION
Sequence 3175 from Patent EP1260586.
ACCESSION
AX636036
VERSION
AX636036.1 GI:28471650
KEYWORDS
unidentified
SOURCE
unidentified
ORGANISM
unclassified.

REFERENCE
AUTHORS
Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Drenzo,A.,
Karpeisky,A., Draper,K.G., Kisich,K., Matulic-Adamic,J.,
Mcswiggen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M.,
Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and
Woolf,T.
TITLE
Method and reagent for inhibiting the expression of disease related
genes
JOURNAL
Patent: EP 1260586-A 3175 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
FEATURES
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1. .15
/organism="unidentified"
/mol_type="unassigned RNA"
/db_xref="taxon:32644"

Query Match 3.0%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 798 AAGAGCTCTCTCCA 812
Db 1 AAGAGCTCTCTCCA 15

RESULT 367
AX636225
LOCUS 15 bp RNA linear PAT 21-FEB-2003
DEFINITION
Sequence 3364 from Patent EP1260586.
ACCESSION
AX636225
VERSION
AX636225.1 GI:28471839
KEYWORDS
unidentified
SOURCE
unidentified
ORGANISM
unclassified.

REFERENCE
AUTHORS
Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Drenzo,A.,
Karpeisky,A., Draper,K.G., Kisich,K., Matulic-Adamic,J.,
Mcswiggen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M.,
Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and
Woolf,T.

Method and reagent for inhibiting the expression of disease related

Genes
Patent: EP 1260586-A 3364 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)

FEATURES
source
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/organism="unidentified"
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/db_xref="taxon:32644"

Query Match
Best Local Similarity 3.0%; Score 11.8; DB 1; Length 15;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 798 AAGAGCTCTCTCTCA 812
|||||
Db 1 AAGACTTCTCTCTCA 15

RESULT 368
AX637343/c
LOCUS
DEFINITION Sequence 4482 from Patent EP1260586.
ACCESSION AX637343
VERSION AX637343.1 GI:28472957

KEYWORDS
SOURCE
ORGANISM
unidentified
unclassified.

REFERENCE
AUTHORS
Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Drenzo,A.,
Karpelsky,A., Draper,K.G., Kisch,K., Matulic-Adamic,J.,
Mcswiggen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M.,
Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and
Woolf,T.

Method and reagent for inhibiting the expression of disease related

Genes
Patent: EP 1260586-A 4482 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)

FEATURES
source
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/mol_type="unassigned RNA"
/db_xref="taxon:32644"

Query Match
Best Local Similarity 3.0%; Score 11.8; DB 1; Length 15;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 604 ACAGAGTACTGACTC 618
|||||
Db 15 ACAGAGCAATGACTC 1

RESULT 369
BD065688
LOCUS
DEFINITION An antisense oligonucleotide preparation method.
ACCESSION BD065688
VERSION BD065688.1 GI:22611291

KEYWORDS
SOURCE
ORGANISM
unidentified
unclassified.

REFERENCE
AUTHORS
TITLE
JOURNAL
Schlingensiepen,K.H. and Brysch,W.
An antisense oligonucleotide preparation method
Patent: JP 2001511000-A 323 07-AUG-2001;
BIOGNOSTIK GESELLSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MBH

COMMENT
OS Unknown
PN JP 2001511000-A/323
PD 07-AUG-2001
PF 30-JAN-1998 JP 1998532533

PR 31-JAN-1997 EP 97101531.8
PI KARL HERMANN SCHLINGENSIEPEN,WOLFGANG BRYSCH
PC C12N15/11,C07H21/04,A61K31/70
CC An antisense oligonucleotide preparation method FH Key

FEATURES
source
1. .15
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Location/Qualifiers

1. .15
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

Query Match
Best Local Similarity 3.0%; Score 11.8; DB 1; Length 15;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 766 CCTCCACTTCTGAGG 780
|||||
Db 1 CCTCTCTTCTGAGG 15

RESULT 370
BD067028/c
LOCUS
DEFINITION An antisense oligonucleotide preparation method.
ACCESSION BD067028
VERSION BD067028.1 GI:22612631

KEYWORDS
SOURCE
ORGANISM
unidentified
unclassified.

REFERENCE
AUTHORS
TITLE
JOURNAL
Schlingensiepen,K.H. and Brysch,W.
An antisense oligonucleotide preparation method
Patent: JP 2001511000-A 1663 07-AUG-2001;
BIOGNOSTIK GESELLSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MBH

COMMENT
OS Unknown
PN JP 2001511000-A/1663
PD 07-AUG-2001 JP 1998532533

PR 31-JAN-1997 EP 97101531.8
PI KARL HERMANN SCHLINGENSIEPEN,WOLFGANG BRYSCH
PC C12N15/11,C07H21/04,A61K31/70
CC An antisense oligonucleotide preparation method FH Key

FEATURES
source
1. .15
/organism="Unknown".
Location/Qualifiers

1. .15
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

Query Match
Best Local Similarity 3.0%; Score 11.8; DB 1; Length 15;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 766 CCTCCACTTCTGAGG 780
|||||
Db 15 CCTCTCTTCTGAGG 1

RESULT 371
BD207371
LOCUS
DEFINITION Enzymatic nucleic acid treatment of diseases or conditions related
to hepatitis C virus infection.

ACCESSION BD207371
VERSION BD207371.1 GI:33017141
KEYWORDS JP 2002512791-A/961.
SOURCE unidentified
ORGANISM unidentified

REFERENCE	
AUTHORS	Blatt, L., McSwiggen, J.A., Roberts, E., Pavco, P.A. and Macejak, D.
TITLE	Enzymatic nucleic acid treatment of diseases or conditions related to hepatitis C virus infection
JOURNAL	PATENT: JP 2002512791-A 961 08-MAY-2002; RIBOZYME PHARMACEUTICALS INC
COMMENT	OS Hepatitis virus (hepatitis C virus) PN JP 2002512791-A/961 PD 08-MAY-2002 PF 26-APR-1999 JP 2000545991 PR 27-APR-1998 US 60/083217, 18-SEP-1998 US 60/100842 PR 25-FEB-1999 US 09/257608, 23-MAR-1999 US 09/274553 PI LAWRENCE BLATT, JAMES A MCSWIGGEN, ELISABETH ROBERTS, PAMELA A PI PAVCO, DENNIS MACEJAK PI CL12N9/00, A61K31/7105, A61K38/21, A61K48/00, A61P31/12, C12N15/09, PC A61K37/66, PC C12N15/00 CC Enzymatic nucleic acid treatment of diseases or conditions CC related to CC hepatitis C virus infection. FH Key Location/Qualifiers FT source 1..15 FT /organism='Hepatitis virus (hepatitis C FT virus)'. Location/Qualifiers 1..15 /organism='unidentified' /mol_type='genomic RNA' /db_xref='taxon:32644'
Query Match	3.0%; Score 11.8; DB 1; Length 15;
Best Local Similarity	86.7%; Pred. No. 1.8e+02;
Matches	13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY	533 ACATCCTCTGCTCTCT 547
Dd	1 ACATCGTCTGTCTCT 15
RESULT 372	
BD209015/C	
LOCUS	BD209015 15 bp RNA linear PAT 17-JUL-2003
DEFINITION	Enzymatic nucleic acid treatment of diseases or conditions related to hepatitis C virus infection.
ACCESSION	BD209015
VERSION	BD209015.1 GI:33018785
KEYWORDS	JP 2002512791-A/2605.
SOURCE	unidentified
ORGANISM	unclassified.
REFERENCE	1 (bases 1 to 15)
AUTHORS	Blatt, L., McSwiggen, J.A., Roberts, E., Pavco, P.A. and Macejak, D.
TITLE	Enzymatic nucleic acid treatment of diseases or conditions related to hepatitis C virus infection
JOURNAL	PATENT: JP 2002512791-A 2605 08-MAY-2002; RIBOZYME PHARMACEUTICALS INC OS Hepatitis virus (hepatitis C virus) PN JP 2002512791-A/2605 PD 08-MAY-2002 PF 26-APR-1999 JP 2000545991 PR 27-APR-1998 US 60/083217, 18-SEP-1998 US 60/100842 PR 25-FEB-1999 US 09/257608, 23-MAR-1999 US 09/274553 PI LAWRENCE BLATT, JAMES A MCSWIGGEN, ELISABETH ROBERTS, PAMELA A PI PAVCO, DENNIS MACEJAK PI CL12N9/00, A61K31/7105, A61K38/21, A61K48/00, A61P31/12, C12N15/09, PC A61K37/66, PC C12N15/00 CC Enzymatic nucleic acid treatment of diseases or conditions CC related to CC hepatitis C virus infection.

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Db      1 CTGAGGCCAGGCCCT 15

RESULT 375
AX105633/c
LOCUS   AX105633          16 bp      DNA      linear      PAT 30-APR-2001
DEFINITION
Sequence 4 from Patent WO0123570.
ACCESSION
AX105633
VERSION  AX105633.1  GI:139221662
KEYWORDS
SOURCE   synthetic construct
ORGANISM synthetic construct
         artificial sequences.
REFERENCE
AUTHORS  Isom,L.L., Kazen-Gillespie,K. and Rogers,K.E.
TITLE     Methods and compositions relating to sodium channel betala subunits
JOURNAL   Patent: WO 0123571-A 4 05-APR-2001;
          THE REGENTS OF THE UNIVERSITY OF MICHIGAN (US) ; Ortho-McNeil
          Pharmaceutical, Inc. (US)
FEATURES
source
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="RT-PCR primer sequence unique to b1A"

Query Match      3.0%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      820 GTTGGCTGTGTCTCT 834
Db      16 GCTTGGCTGTGTCTCT 2

RESULT 376
AX111731/c
LOCUS   AX111731          16 bp      DNA      linear      PAT 30-APR-2001
DEFINITION
Sequence 4 from Patent WO0123570.
ACCESSION
AX111731
VERSION  AX111731.1  GI:13927981
KEYWORDS
SOURCE   synthetic construct
ORGANISM synthetic construct
         artificial sequences.
REFERENCE
AUTHORS  D'Andrea,M. and Rogers,K.E.
TITLE     Methods and compositions relating to sodium channel beta-1a
          subunits
JOURNAL   Patent: WO 0123570-A 4 05-APR-2001;
          Ortho-McNeil Pharmaceutical, Inc. (US)
FEATURES
source
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="RT-PCR primer sequence unique to Beta 1A"

Query Match      3.0%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      820 GTTGGCTGTGTCTCT 834
Db      16 GCTTGGCTGTGTCTCT 2

RESULT 377
AX255792/c
LOCUS   AX255792          16 bp      DNA      linear      PAT 10-OCT-2001
DEFINITION
Sequence 213 from Patent WO0170982.
ACCESSION
AX255792
VERSION  AX255792.1  GI:16074847

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KEYWORDS

SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE

1
AUTHORS Beger,C., Barber,J. and Wong-Staal,F.
TITLE Brca-1 regulators and methods of use
JOURNAL Patent: WO 0170982-A 213 27-SEP-2001;
Immusol Incorporated (US) ; Beger, Carmela (DE)

FEATURES

source
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Synthetic oligonucleotide"

Query Match

Best Local Similarity 3.0%; Score 11.8; DB 1; Length 16;

Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 565 TCCTCCAGACCAAG 579

Db 16 TCCTCCAGACCAAG 2

RESULT 378

BD086294

LOCUS BD086294 16 bp DNA linear PAT 27-AUG-2002
DEFINITION G protein-coupled receptor and utilization thereof.
ACCESSION BD086294
VERSION BD086294.1 GI:22631904
KEYWORDS JP 2001525174-A/10.
SOURCE unidentified
ORGANISM unidentified
unclassified.

REFERENCE

1 (bases 1 to 16)
AUTHORS Goodearl,A.D.J., Glucksmann,A.M., Xie,M. and Distefano,P.
TITLE G protein-coupled receptor and utilization thereof
JOURNAL Patent: JP 2001525174-A 10 11-DEC-2001;
MILLENNIUM PHARMACEUTICALS INC
COMMENT OS Unidentified
PN JP 2001525174-A/10
PD 11-DEC-2001
PF 04-DEC-1998 JP 2000523346
PR 04-DEC-1997 US 08/985090,17-MAR-1998 US 09/042780 PI
DISTEFANO ANDREW D J GOODEARL,ALEXANDRA M GLUCKSMANN,MICHAEL XIE,PETER PI

COMMENT

PC C12N15/09,C07K14/705,C07K16/28,C12N5/10,C12P21/02,C12Q1/68//
PC (C12P21/02,C12R1:91),C12N15/00,C12N5/00
CC Strandedness: Single;
CC Topology: Linear;
CC G protein-coupled receptor and utilization thereof FH Key
Location/Qualifiers
FT source 1..16
FT /organism='Unidentified'.

FEATURES

source
1..16
Location/Qualifiers
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

Query Match

Best Local Similarity 3.0%; Score 11.8; DB 1; Length 16;

Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 775 CTGAGGCCAGGCCCT 789

Db 1 CTGAGGCCAGGCCCT 15

RESULT 379

I27891/c

LOCUS I27891 14 bp DNA linear PAT 06-FEB-1997

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SOURCE      Unknown.
ORGANISM     Unclassified.
REFERENCE    1 (bases 1 to 15)
AUTHORS      Koster,H.
TITLE        DNA sequencing by mass spectrometry
JOURNAL      Patent: US 6194144-A 21 27-FEB-2001;
FEATURES     Location/Qualifiers
              source
              1..15
              /organism="unknown"
              /mol_type="unassigned DNA"

Query Match      2.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 792 GGTGCCAAGAGCT 804
Db 3 GGTGCCAAGAGCT 15

RESULT 385
AR132774
LOCUS      AR132774      15 bp      DNA
DEFINITION Sequence 1199 from patent US 6194150.
ACCESSION  AR132774
VERSION     AR132774.1 GI:14121679
KEYWORDS   .
SOURCE     Unknown.
ORGANISM   Unclassified.
REFERENCE  1 (bases 1 to 15)
AUTHORS    Stinchcomb,D.T., Jarvis,T. and McSwiggen,J.
TITLE      Nucleic acid based inhibition of CD40
JOURNAL    Patent: US 6194150-A 1199 27-FEB-2001;
FEATURES   Location/Qualifiers
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              /organism="unknown"
              /mol_type="unassigned DNA"

Query Match      2.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 833 CTTTCTCTCTCTG 845
Db 1 CTTTCTCTCTCTG 13

RESULT 386
AR154243
LOCUS      AR154243      15 bp      DNA
DEFINITION Sequence 21 from patent US 6238871.
ACCESSION  AR154243
VERSION     AR154243.1 GI:15122296
KEYWORDS   .
SOURCE     Unknown.
ORGANISM   Unclassified.
REFERENCE  1 (bases 1 to 15)
AUTHORS    Koster,H.
TITLE      DNA sequences by mass spectrometry
JOURNAL    Patent: US 6238871-A 21 29-MAY-2001;
FEATURES   Location/Qualifiers
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              1..15
              /organism="unknown"
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Query Match      2.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 792 GGTGCCAAGAGCT 804
Db 3 GGTGCCAAGAGCT 15

RESULT 387
AR152344/c
LOCUS      AR152344      15 bp      DNA
DEFINITION Sequence 85 from patent US 5646042.
ACCESSION  AR152344
VERSION     AR152344.1 GI:2473545
KEYWORDS   .
SOURCE     Unknown.
ORGANISM   Unclassified.
REFERENCE  1 (bases 1 to 15)
AUTHORS    Stinchcomb,D.T., Draper,K., McSwiggen,J. and Jarvis,T.
TITLE      C-myb targeted ribozymes
JOURNAL    Patent: US 5646042-A 85 08-JUL-1997;
FEATURES   Location/Qualifiers
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              /organism="unknown"
              /mol_type="unassigned DNA"

Query Match      2.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 663 TTCTCGAAGCTTG 675
Db 13 TTCTCGAAGCTTG 1

RESULT 388
AR180604/c
LOCUS      AR180604      15 bp      DNA
DEFINITION Sequence 672 from patent US 633152.
ACCESSION  AR180604
VERSION     AR180604.1 GI:20222637
KEYWORDS   .
SOURCE     Unknown.
ORGANISM   Unclassified.
REFERENCE  1 (bases 1 to 15)
AUTHORS    Vogelstein,B., Kinzler,K.W., Zhang,L. and Zhou,W.
TITLE      Gene expression profiles in normal and cancer cells
JOURNAL    Patent: US 633152-A 672 25-DEC-2001;
FEATURES   Location/Qualifiers
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              /organism="unknown"
              /mol_type="unassigned DNA"

Query Match      2.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 509 ACCCACAGTACCA 521
Db 15 AGCCACAGTACCA 3

RESULT 389
AR221850
LOCUS      AR221850      15 bp      mRNA
DEFINITION Sequence 31 from patent US 6428955.
ACCESSION  AR221850
VERSION     AR221850.1 GI:23328965
KEYWORDS   .
SOURCE     Unknown.
ORGANISM   Unclassified.
REFERENCE  1 (bases 1 to 15)
AUTHORS    Koster,H., Tang,K., Fu,D.-J., Siebert,C.W., Little,D.P., Braun,A.,
            Darnhofer-Demar,B., Jurinke,C. and Van den Boom,D.

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TITLE DNA diagnostics based on mass spectrometry
JOURNAL Patent: US 6428955-A 31 06-AUG-2002;
FEATURES Location/Qualifiers

source
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/mol_type="rRNA"

Query Match 2.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 2e+02;

Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 792 GGTGCCAGAGCT 804

Db 3 GGTGCCAGAGCT 15

RESULT 390

AX098747 AX098747 15 bp DNA linear PAT 02-APR-2001
LOCUS Sequence 54 from Patent WO0120025.
DEFINITION AX098747
ACCESSION AX098747
VERSION AX098747.1 GI:13537988

KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE

1 Wojnowski, L. and Eiselt, R.

AUTHORS Polymorphisms in the human cyp3a4 and cyp3a7 genes and their use in

TITLE diagnostic and therapeutic applications

JOURNAL Patent: WO 0120025-A 54 22-MAR-2001;

Epidauros Biotechnologie AG (DE)

FEATURES Location/Qualifiers

1. .15

/organism="synthetic construct"

/mol_type="unassigned DNA"

/db_xref="taxon:32630"

/note="artificial"

Query Match 2.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 2e+02;

Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 575 CCAAGACTTTTGT 587

Db 3 CCAGGACTTTTGT 15

RESULT 391

AX098748/C AX098748 15 bp DNA linear PAT 02-APR-2001
LOCUS Sequence 55 from Patent WO0120025.
DEFINITION AX098748
ACCESSION AX098748
VERSION AX098748.1 GI:13537989

KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE

1 Wojnowski, L. and Eiselt, R.

AUTHORS Polymorphisms in the human cyp3a4 and cyp3a7 genes and their use in

TITLE diagnostic and therapeutic applications

JOURNAL Patent: WO 0120025-A 55 22-MAR-2001;

Epidauros Biotechnologie AG (DE)

FEATURES Location/Qualifiers

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/organism="synthetic construct"

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/db_xref="taxon:32630"

/note="artificial"

Query Match 2.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 2e+02;

Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 575 CCAAGACTTTTGT 587

Db 13 CCAGGACTTTTGT 1

RESULT 392

AX137012 AX137012 15 bp DNA linear PAT 30-MAY-2001
LOCUS Sequence 86 from Patent EP1088900.
DEFINITION AX137012
ACCESSION AX137012
VERSION AX137012.1 GI:14273359

KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE

1 Hustert, E., Wojnowski, L. and Eiselt, R.

AUTHORS Polymorphisms in the human cyp3a4, cyp3a7 and hpxr genes and their

TITLE use in diagnostic and therapeutic applications

JOURNAL Patent: EP 1088900-A 86 04-APR-2001;

Epidauros Biotechnologie AG (DE)

FEATURES Location/Qualifiers

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/mol_type="unassigned DNA"

/db_xref="taxon:32630"

/note="DNA"

Query Match 2.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 2e+02;

Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 575 CCAAGACTTTTGT 587

Db 3 CCAGGACTTTTGT 15

RESULT 393

AX137013/C AX137013 15 bp DNA linear PAT 30-MAY-2001
LOCUS Sequence 87 from Patent EP1088900.
DEFINITION AX137013
ACCESSION AX137013
VERSION AX137013.1 GI:14273360

KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE

1 Hustert, E., Wojnowski, L. and Eiselt, R.

AUTHORS Polymorphisms in the human cyp3a4, cyp3a7 and hpxr genes and their

TITLE use in diagnostic and therapeutic applications

JOURNAL Patent: EP 1088900-A 87 04-APR-2001;

Epidauros Biotechnologie AG (DE)

FEATURES Location/Qualifiers

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/mol_type="unassigned DNA"

/db_xref="taxon:32630"

/note="DNA"

Query Match 2.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 2e+02;

Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 575 CCAAGACTTTTGT 587

Db 13 CCAGGACTTTTGT 1

RESULT 394

AX328534

LOCUS AX328534 15 bp DNA linear PAT 08-JAN-2002
DEFINITION Sequence 31 from Patent EP1164203.
ACCESSION AX328534
VERSION AX328534.1 GI:18101733
KEYWORDS unidentified
SOURCE unclassified.
ORGANISM
REFERENCE
AUTHORS Koester, H., Little, D.P., Braun, A., Jurinke, C., van den Boom, D.,
Xiang, G., Lough, D.M., Ruppert, A. and Hillenkamp, F.
TITLE Dna diagnostics based on mass spectrometry
JOURNAL Patent: EP 1164203-A 31 19-DEC-2001;
SEQUENOM, INC. (US)
FEATURES
source
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/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"
Query Match 2.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 792 GGTGCCAAGAGCT 804
Db 3 GGTGCCAAGAGCT 15
RESULT 395
AX377344/c
LOCUS AX377344 15 bp DNA linear PAT 18-MAR-2002
DEFINITION Sequence 8 from Patent WO0212499.
ACCESSION AX377344
VERSION AX377344.1 GI:19573630
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE
AUTHORS Kliem, S.E., Koshy, B. and Lanz, E.M.
TITLE Haplotypes of the ntfs3 gene
JOURNAL Patent: WO 0212499-A 8 14-FEB-2002;
Genaissance Pharmaceuticals, Inc. (US)
FEATURES
source
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
Query Match 2.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 2e+02;
Matches 12; Conservative 1; Mismatches 2; Indels 0; Gaps 0;
QY 837 TCTTCTCTGAGACGA 851
Db 15 TGTTCCTCYGAAGTCA 1
RESULT 396
AX636743
LOCUS AX636743 15 bp RNA linear PAT 21-FEB-2003
DEFINITION Sequence 3882 from Patent EP1260586.
ACCESSION AX636743
VERSION AX636743.1 GI:28472357
KEYWORDS unidentified
SOURCE unclassified.
ORGANISM
REFERENCE
AUTHORS Stinchcomb, D.T., Dudycz, L.W., Chowrira, B., Grimm, S., Direnzo, A.,
Karpeisky, A., Draper, K.G., Kisich, K., Matulic-Adamic, J.,

Mcswiggen, J.A., Modak, A., Pavco, P., Beigelman, L., Sullivan, S.M.,
Sweedler, D., Thompson, J.D., Tracz, D., Usman, N., Wincott, F.E. and
Woolf, T.
TITLE Method and reagent for inhibiting the expression of disease related
genes
JOURNAL Patent: EP 1260586-A 3882 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
FEATURES
source
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/mol_type="unassigned RNA"
/db_xref="taxon:32644"
Query Match 2.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 564 CTCCTCCAGACC 576
Db 3 CTCCTACCAGACC 15
RESULT 397
AX742573
LOCUS AX742573 15 bp DNA linear PAT 12-MAY-2003
DEFINITION Sequence 376 from Patent EP1302550.
ACCESSION AX742573
VERSION AX742573.1 GI:30576541
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE
AUTHORS Lin, C.Y., Lin, R.W., You, C.M., Huang, H.H., Lee, B.H., Lee, H.H.,
Lin, Y.J., Fan, C.C., Hsu, H.C., Shih, C.W., Yeh, C.H., Kao, Y.F.,
Pan, C.B. and Chan, P.
TITLE Method and detector for identifying subtypes of human papilloma
viruses
JOURNAL Patent: EP 1302550-A 376 16-APR-2003;
King Car Food Industrial Co., Ltd. (TW)
FEATURES
source
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Oligonucleotide for Identifying HPV 62"
Query Match 2.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 765 GCCTCCACTCTCG 777
Db 3 GCCTCCACTCTCG 15
RESULT 398
BD132099
LOCUS BD132099 15 bp DNA linear PAT 18-SEP-2002
DEFINITION DNA diagnosis method based on mass spectrometry.
ACCESSION BD132099
VERSION BD132099.1 GI:23227044
KEYWORDS JP 2002507883-A/31.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE
AUTHORS Koster, H., Little, D.P., Braun, A., Lough, D.M., Xiang, G.,
Boom, D.V.D., Jurinke, C. and Ruppert, A.
TITLE Dna diagnosis method based on mass spectrometry
JOURNAL Patent: JP 2002507883-A 31 12-MAR-2002;
SEQUENOM INC
COMMENT PN JP 2002507883-A/31

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PD 24-NOV-1999
PF 26-MAR-1998 JP 1999084967
PR 26-MAR-1998 DE 19813317:0
PI URUFUGANKU DIETOMAIYA,JOSEPH RUSSHOFU
PC C12Q1/68,C12N15/09,C12N15/00
CC
FH Key Location/Qualifiers
FT source 1..16
FT Location/Qualifiers
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   /organism='Artificial Sequence'
   /organism='synthetic construct'
   /mol_type='genomic DNA'
   /db_xref='taxon:32630'

Query Match
Best Local Similarity 2.9%; Score 11.4; DB 1; Length 16;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 548 AGGCTCCCGCAGC 560
Db 3 AGGCTCCCGCAGC 15

RESULT 402
LOCUS AR203384 16 bp DNA linear PAT 20-JUN-2002
DEFINITION Sequence 5 from patent US 6365375.
ACCESSION AR203384
VERSION AR203384.1 GI:21499759
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 16)
AUTHORS Dietmaier,W. and Ruschoff,J.
TITLE Method of primer-extension preamplification PCR
JOURNAL Patent: US 6365375-A 5 02-APR-2002;
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Query Match
Best Local Similarity 2.9%; Score 11.4; DB 1; Length 16;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 548 AGGCTCCCGCAGC 560
Db 3 AGGCTCCCGCAGC 15

RESULT 403
LOCUS AR328363 16 bp RNA linear PAT 17-AUG-2003
DEFINITION Sequence 5765 from patent US 6566127.
ACCESSION AR328363
VERSION AR328363.1 GI:33714171
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 16)
AUTHORS Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6566127-A 5765 20-MAY-2003;
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Query Match
Best Local Similarity 2.9%; Score 11.4; DB 1; Length 16;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 548 AGGCTCCCGCAGC 560
Db 3 AGGCTCCCGCAGC 15

RESULT 404
LOCUS AR328479 16 bp RNA linear PAT 17-AUG-2003
DEFINITION Sequence 5881 from patent US 6566127.
ACCESSION AR328479
VERSION AR328479.1 GI:33714287
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 16)
AUTHORS Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
TITLE Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor
JOURNAL Patent: US 6566127-A 5881 20-MAY-2003;
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   /organism='unknown'
   /mol_type='unassigned RNA'

Query Match
Best Local Similarity 2.9%; Score 11.4; DB 1; Length 16;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 838 CTCTCTGAGGAC 850
Db 4 CTCTCTGAGGAC 16

RESULT 405
LOCUS AX011282 16 bp DNA linear PAT 06-SEP-2000
DEFINITION Sequence 5 from Patent EP0957177.
ACCESSION AX011282
VERSION AX011282.1 GI:9997833
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
AUTHORS Dietmaier,W.D. and Rueschoff,J.P.
TITLE Improved method for primer extension preamplification-pcr
JOURNAL Patent: EP 0957177-A 5 17-NOV-1999;
FEATURES
   source
   1..16
   /organism='Homo sapiens'
   /mol_type='unassigned DNA'
   /db_xref='taxon:9606'

Query Match
Best Local Similarity 2.9%; Score 11.4; DB 1; Length 16;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 548 AGGCTCCCGCAGC 560
Db 3 AGGCTCCCGCAGC 15

RESULT 406
LOCUS AX284085 16 bp DNA linear PAT 20-NOV-2001
DEFINITION Sequence 50 from Patent WO0179487.
ACCESSION AX284085
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VERSION      AX284085.1  GI:17044795
KEYWORDS     .
SOURCE       synthetic construct
ORGANISM     synthetic construct
              artificial sequences.
REFERENCE    1
AUTHORS      Degitz,K.K. and Besch,R.
TITLE        Polydesoxyribonucleotides for inhibiting the expression of the
JOURNAL      Patent: WO 0179487-A 50 25-OCT-2001;
              Degitz, Klaus Karl (DE) ; Besch, Robert (DE)
FEATURES     1
              Location/Qualifiers
              1..16
              /organism="synthetic construct"
              /mol_type="unassigned DNA"
              /db_xref="taxon:32630"
              /note="Beschreibung der kunstlichen
              Sequenz:Polydesoxyribonukleotid"

Query Match      2.9%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 2.2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      763 AGGCTTCCACTTC 775
Db      3 AGGCTTCCCTTC 15

RESULT 407
AX284086/c
LOCUS      AX284086
DEFINITION Sequence 51 from Patent WO0179487.
ACCESSION AX284086
VERSION    AX284086.1  GI:17044796
KEYWORDS   .
SOURCE     synthetic construct
ORGANISM   synthetic construct
            artificial sequences.
REFERENCE  1
AUTHORS    Degitz,K.K. and Besch,R.
TITLE      Polydesoxyribonucleotides for inhibiting the expression of the
JOURNAL    Patent: WO 0179487-A 51 25-OCT-2001;
            Degitz, Klaus Karl (DE) ; Besch, Robert (DE)
FEATURES   1
            Location/Qualifiers
            1..16
            /organism="synthetic construct"
            /mol_type="unassigned DNA"
            /db_xref="taxon:32630"
            /note="Beschreibung der kunstlichen
            Sequenz:Polydesoxyribonukleotid"

Query Match      2.9%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 2.2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      763 AGGCTTCCACTTC 775
Db      3 AGGCTTCCCTTC 15

RESULT 407
AX284086/c
LOCUS      AX284086
DEFINITION Sequence 51 from Patent WO0179487.
ACCESSION AX284086
VERSION    AX284086.1  GI:17044796
KEYWORDS   .
SOURCE     synthetic construct
ORGANISM   synthetic construct
            artificial sequences.
REFERENCE  1
AUTHORS    Degitz,K.K. and Besch,R.
TITLE      Polydesoxyribonucleotides for inhibiting the expression of the
JOURNAL    Patent: WO 0179487-A 51 25-OCT-2001;
            Degitz, Klaus Karl (DE) ; Besch, Robert (DE)
FEATURES   1
            Location/Qualifiers
            1..16
            /organism="synthetic construct"
            /mol_type="unassigned DNA"
            /db_xref="taxon:32630"
            /note="Beschreibung der kunstlichen
            Sequenz:Polydesoxyribonukleotid"

Query Match      2.9%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 2.2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      763 AGGCTTCCACTTC 775
Db      14 AGGCTTCCCTTC 2

RESULT 408
AX741135
LOCUS      AX741135
DEFINITION Sequence 39 from Patent WO03027322.
ACCESSION AX741135
VERSION    AX741135.1  GI:30523981
KEYWORDS   .
SOURCE     synthetic construct
ORGANISM   synthetic construct
            artificial sequences.
REFERENCE  1
AUTHORS    Nakamura,Y. and Furukawa,Y.

TITLE      Hepatocellular carcinoma-related genes and polypeptides, and method
            for detecting hepatocellular carcinomas
            Patent: WO 03027322-A 39 03-APR-2003;
            The President of the University of Tokyo (JP) ; Oncotherapy
            Science, Inc. (JP)
            Location/Qualifiers
            1..16
            /organism="synthetic construct"
            /mol_type="genomic DNA"
            /db_xref="taxon:32630"
            /note="an artificially synthesized oligonucleotide
            sequence"

Query Match      2.9%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 2.2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      701 CCTCCAGCGAGTC 713
Db      3 CCTCCATCGAGTC 15

RESULT 409
AX741140/c
LOCUS      AX741140
DEFINITION Sequence 44 from Patent WO03027322.
ACCESSION AX741140
VERSION    AX741140.1  GI:30523986
KEYWORDS   .
SOURCE     synthetic construct
ORGANISM   synthetic construct
            artificial sequences.
REFERENCE  1
AUTHORS    Nakamura,Y. and Furukawa,Y.
TITLE      Hepatocellular carcinoma-related genes and polypeptides, and method
            for detecting hepatocellular carcinomas
            Patent: WO 03027322-A 44 03-APR-2003;
            The President of the University of Tokyo (JP) ; Oncotherapy
            Science, Inc. (JP)
            Location/Qualifiers
            1..16
            /organism="synthetic construct"
            /mol_type="genomic DNA"
            /db_xref="taxon:32630"
            /note="an artificially synthesized oligonucleotide
            sequence"

Query Match      2.9%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 2.2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      701 CCTCCAGCGAGTC 713
Db      14 CCTCCATCGAGTC 2

RESULT 410
BD225192/c
LOCUS      BD225192
DEFINITION Human papilloma virus inhibition by antisense oligonucleotides.
ACCESSION BD225192
VERSION    BD225192.1  GI:33034962
KEYWORDS   .
SOURCE     unidentified
ORGANISM   unclassified.
            1 (bases 1 to 16)
            Dipaolo,J. and Salas,L.A.
            Human papilloma virus inhibition by antisense oligonucleotides
            Patent: JP 2002509692-A 5 02-APR-2002;
            THE UNITED STATES OF AMERICA
            OS Human papilloma virus 16
            PN 2002509692-A/5

TITLE      Human papilloma virus inhibition by antisense oligonucleotides
JOURNAL    Patent: JP 2002509692-A 5 02-APR-2002;
            THE UNITED STATES OF AMERICA
            OS Human papilloma virus 16
            PN 2002509692-A/5
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JOURNAL Patent: US 5741643-A 6 21-APR-1998;
FEATURES Location/Qualifiers
source 1..16
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 2.8%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 2.4e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 580 ACTTTTGTTCTGTTT 595
Db 1 ACTTTTCTTTTCTTTT 16

RESULT 415
AR035160/c 16 bp DNA linear PAT 29-SEP-1999
LOCUS Sequence 20 from patent US 5871730.
DEFINITION AR035160
ACCESSION AR035160
VERSION AR035160.1 GI:5951828
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 16)
AUTHORS Gryaznov,S.M.
TITLE Convergent synthesis of branched and multiply connected
macromolecular structures
JOURNAL Patent: US 5830659-A 6 03-NOV-1998;
FEATURES Location/Qualifiers
source 1..16
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 2.8%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 2.4e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 580 ACTTTTGTTCTGTTT 595
Db 1 ACTTTTCTTTTCTTTT 16

RESULT 416
AR045207 16 bp DNA linear PAT 29-SEP-1999
LOCUS Sequence 6 from patent US 5817795.
DEFINITION AR045207
ACCESSION AR045207
VERSION AR045207.1 GI:5966672
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 16)
AUTHORS Gryaznov,S.M. and Lloyd,D.H.
TITLE Oligonucleotide clamps having diagnostic and therapeutic
applications
JOURNAL Patent: US 5817795-A 6 06-OCT-1998;
FEATURES Location/Qualifiers
source 1..16
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 2.8%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 2.4e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 580 ACTTTTGTTCTGTTT 595
Db 1 ACTTTTCTTTTCTTTT 16

RESULT 417
AR045207 16 bp DNA linear PAT 29-SEP-1999
LOCUS Sequence 6 from patent US 5817795.
DEFINITION AR045207
ACCESSION AR045207
VERSION AR045207.1 GI:5966672
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 16)
AUTHORS Gryaznov,S.M. and Kerem,B.-s.
TITLE Methods for screening for mutations at various positions in the
introns and exons of the cystic fibrosis gene
JOURNAL Patent: US 5981178-A 23 09-NOV-1999;
FEATURES Location/Qualifiers
source 1..16
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 2.8%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 2.4e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 541 TGCTCCTAGGCTCC 556
Db 1 TGCTCCTTGACCTCCC 16

RESULT 418
AR084447 16 bp DNA linear PAT 01-SEP-2000
LOCUS Sequence 23 from patent US 5981178.
DEFINITION AR084447
ACCESSION AR084447
VERSION AR084447.1 GI:10011218
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 16)
AUTHORS Tsui,L.-C., Rommens,J.M. and Kerem,B.-s.
TITLE Methods for screening for mutations at various positions in the
introns and exons of the cystic fibrosis gene
JOURNAL Patent: US 5981178-A 23 09-NOV-1999;
FEATURES Location/Qualifiers
source 1..16
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 2.8%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 2.4e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 541 TGCTCCTAGGCTCC 556
Db 1 TGCTCCTTGACCTCCC 16

RESULT 419
AR093889 16 bp DNA linear PAT 08-SEP-2000
LOCUS Sequence 23 from patent US 6001588.
DEFINITION AR093889
ACCESSION AR093889
VERSION AR093889.1 GI:10020635
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 16)
AUTHORS Tsui,L.-C., Rommens,J.M. and Kerem,B.-s.
TITLE Introns and exons of the cystic fibrosis gene and mutations thereof
JOURNAL Patent: US 6001588-A 23 14-DEC-1999;
FEATURES Location/Qualifiers
source 1..16
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/organism="unknown"
/mol_type="unassigned DNA"

Query Match
Best Local Similarity 2.8%; Score 11.2; DB 1; Length 16;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 541 TGCTCTAGGCTCC 556
Db 1 TGCTCGTTGACCTCC 16

RESULT 420
E27541
LOCUS E27541 Novel collagen-like protein. 16 bp DNA linear PAT 18-JUN-2001
DEFINITION E27541
ACCESSION E27541
VERSION E27541.1 GI:13026530
KEYWORDS JP 1999178574-A/13.
SOURCE unidentified
ORGANISM unclassified.
REFERENCE 1 (bases 1 to 16)
AUTHORS Tsutomi,K., Haruo,T., Yukio,Y., Seina,H., Hiroaki,T., Shogo,E. and Fumiko,W.
TITLE Novel collagen-like protein
JOURNAL Patent: JP 1999178574-A 13 06-JUL-1999;
COMMENT TOYOTA CENTRAL RES & DEV LAB INC,HIGETA SHOUYU CO LTD
PN JP 1999178574-A/13
PD 06-JUL-1999
PF 22-DEC-1997 JP 1997353216
PR

PI TSUTOMU KAJINO,HARUO TAKAHASHI,YUKIO YAMADA,SEINA HIRAI, PI
HIROAKI TAKAGI,
PI SHOGO ERIKU,FUMIKO WATANABE
PC C12N15/09,C07K14/32,C07K14/47,C12N1/21//C12P21/02,(C12N1/21,
PC C12R1:08),
PC (C12P21/02,C12R1:08),C12N15/00
CC Strandedness: Single;
FH Key Location/Qualifiers
FT source
FT 1..16
FT Location/Qualifiers
/organism="Unidentified".
source
1..16
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

Query Match
Best Local Similarity 2.8%; Score 11.2; DB 1; Length 16;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 539 TCTGCTCTAGGCTCC 554
Db 1 TCTGACCTGGGGCTC 16

RESULT 421
I16032
LOCUS I16032 Sequence 6 from patent US 5473060. 16 bp DNA linear PAT 03-APR-1996
DEFINITION I16032
ACCESSION I16032
VERSION I16032.1 GI:1250940
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 16)
AUTHORS Gryaznov,S.M. and Lloyd,D.H.
TITLE Oligonucleotide clamps having diagnostic applications
JOURNAL Patent: US 5473060-A 6 05-DEC-1995;
FEATURES Location/Qualifiers

source
1..16
/organism="unknown"
/mol_type="unassigned DNA"

Query Match
Best Local Similarity 2.8%; Score 11.2; DB 1; Length 16;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 580 ACTTTTGTCGTCTTT 595
Db 1 ACTTTTGTCTTTT 16

RESULT 422
I28367
LOCUS I28367 Sequence 6 from patent US 5571677. 16 bp DNA linear PAT 06-FEB-1997
DEFINITION I28367
ACCESSION I28367
VERSION I28367.1 GI:1819143
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 16)
AUTHORS Gryaznov,S.M.
TITLE Convergent synthesis of branched and multiply connected macromolecular structures
JOURNAL Patent: US 5571677-A 6 05-NOV-1996;
FEATURES Location/Qualifiers
source
1..16
/organism="unknown"
/mol_type="unassigned DNA"

Query Match
Best Local Similarity 2.8%; Score 11.2; DB 1; Length 16;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 580 ACTTTTGTCGTCTTT 595
Db 1 ACTTTTGTCTTTT 16

RESULT 423
AR211607/c
LOCUS AR211607 16 bp DNA linear PAT 20-JUN-2002
DEFINITION AR211607 Sequence 26 from patent US 6399340.
ACCESSION AR211607
VERSION AR211607.1 GI:21514974
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 16)
AUTHORS Saito,Y., Noguchi,Y., Yoshikawa,K. and Soeda,S.
TITLE Vector derivatives of gluconobacter plasmid pF4
JOURNAL Patent: US 6399340-A 26 04-JUN-2002;
FEATURES Location/Qualifiers
source
1..16
/organism="unknown"
/mol_type="unassigned DNA"

Query Match
Best Local Similarity 2.8%; Score 11.2; DB 1; Length 16;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 551 CCTCCCGAGCGAGCTC 566
Db 16 CCTCCCGAGCGAGCTC 1

RESULT 424
AR221233
LOCUS AR221233 16 bp DNA linear PAT 26-SEP-2002
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DEFINITION Sequence 85 from patent US 6426196.
ACCESSION AR221233
VERSION AR221233.1 GI:23328129
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 16)
AUTHORS Dubensky,T.W. Jr., Polo,J.M., Schlesinger,S. and Frolov,I.
TITLE Alphavirus structural protein expression cassettes
JOURNAL Patent: US 6426196-A 85 30-JUL-2002;
FEATURES
    source
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            /organism="unknown"
            /mol_type="genomic DNA"
Query Match 2.8%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 2.4e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 873 CACTTTCCTGAGATGC 888
Db 1 CACGGTCCTGAGGTGC 16

RESULT 425
LOCUS AR230660
DEFINITION Sequence 85 from patent US 6451592.
ACCESSION AR230660
VERSION AR230660.1 GI:27271428
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 16)
AUTHORS Dubensky,T.W. Jr., Polo,J.M., Belli,B.A., Schlesinger,S.,
        Dryga,S.A. and Frolov,I.
TITLE Recombinant alphavirus-based vectors with reduced inhibition of
        cellular macromolecular synthesis
JOURNAL Patent: US 6451592-A 85 17-SEP-2002;
FEATURES
    source
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            /organism="unknown"
            /mol_type="genomic DNA"
Query Match 2.8%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 2.4e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 873 CACTTTCCTGAGATGC 888
Db 1 CACGGTCCTGAGGTGC 16

RESULT 426
LOCUS AR234134
DEFINITION Sequence 85 from patent US 6458560.
ACCESSION AR234134
VERSION AR234134.1 GI:27276786
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 16)
AUTHORS Dubensky,T.W. Jr., Polo,J.M., Belli,B.A., Schlesinger,S.,
        Dryga,S.A. and Frolov,I.
TITLE Recombinant alphavirus-based vectors with reduced inhibition of
        cellular macromolecular synthesis
JOURNAL Patent: US 6458560-A 85 01-OCT-2002;
FEATURES
    source
        1..16
            /organism="unknown"
            /mol_type="genomic DNA"
Query Match 2.8%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 2.4e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 873 CACTTTCCTGAGATGC 888
Db 1 CACGGTCCTGAGGTGC 16

RESULT 427
LOCUS AR237744
DEFINITION Sequence 85 from patent US 6465634.
ACCESSION AR237744
VERSION AR237744.1 GI:27282551
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 16)
AUTHORS Dubensky,T.W. Jr., Polo,J.M., Belli,B.A., Schlesinger,S.,
        Dryga,S.A. and Frolov,I.
TITLE Recombinant alphavirus-based vectors with reduced inhibition of
        cellular macromolecular synthesis
JOURNAL Patent: US 6465634-A 85 15-OCT-2002;
FEATURES
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            /organism="unknown"
            /mol_type="genomic DNA"
Query Match 2.8%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 2.4e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 873 CACTTTCCTGAGATGC 888
Db 1 CACGGTCCTGAGGTGC 16

RESULT 428
LOCUS AR353254
DEFINITION Sequence 85 from patent US 6592874.
ACCESSION AR353254
VERSION AR353254.1 GI:33758991
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 16)
AUTHORS Schlesinger,S. and Frolov,I.
TITLE Recombinant alphavirus-based vectors with reduced inhibition of
        cellular macromolecular synthesis
JOURNAL Patent: US 6592874-A 85 15-JUL-2003;
FEATURES
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            /organism="unknown"
            /mol_type="genomic DNA"
Query Match 2.8%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 2.4e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 873 CACTTTCCTGAGATGC 888
Db 1 CACGGTCCTGAGGTGC 16

RESULT 429
LOCUS AX173374/c
DEFINITION Sequence 85 from patent US 6426196.
ACCESSION AR221233
VERSION AR221233.1 GI:23328129
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 16)
AUTHORS Dubensky,T.W. Jr., Polo,J.M., Schlesinger,S. and Frolov,I.
TITLE Alphavirus structural protein expression cassettes
JOURNAL Patent: US 6426196-A 85 30-JUL-2002;
FEATURES
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            /organism="unknown"
            /mol_type="genomic DNA"
Query Match 2.8%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 2.4e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 873 CACTTTCCTGAGATGC 888
Db 1 CACGGTCCTGAGGTGC 16

RESULT 430
LOCUS AX173374/c
DEFINITION Sequence 85 from patent US 6451592.
ACCESSION AR230660
VERSION AR230660.1 GI:27271428
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 16)
AUTHORS Dubensky,T.W. Jr., Polo,J.M., Belli,B.A., Schlesinger,S.,
        Dryga,S.A. and Frolov,I.
TITLE Recombinant alphavirus-based vectors with reduced inhibition of
        cellular macromolecular synthesis
JOURNAL Patent: US 6451592-A 85 17-SEP-2002;
FEATURES
    source
        1..16
            /organism="unknown"
            /mol_type="genomic DNA"
Query Match 2.8%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 2.4e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 873 CACTTTCCTGAGATGC 888
Db 1 CACGGTCCTGAGGTGC 16

RESULT 431
LOCUS AX173374/c
DEFINITION Sequence 85 from patent US 6458560.
ACCESSION AR234134
VERSION AR234134.1 GI:27276786
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 16)
AUTHORS Dubensky,T.W. Jr., Polo,J.M., Belli,B.A., Schlesinger,S.,
        Dryga,S.A. and Frolov,I.
TITLE Recombinant alphavirus-based vectors with reduced inhibition of
        cellular macromolecular synthesis
JOURNAL Patent: US 6458560-A 85 01-OCT-2002;
FEATURES
    source
        1..16
            /organism="unknown"
            /mol_type="genomic DNA"
Query Match 2.8%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 2.4e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 873 CACTTTCCTGAGATGC 888
Db 1 CACGGTCCTGAGGTGC 16

RESULT 432
LOCUS AX173374/c
DEFINITION Sequence 85 from patent US 6465634.
ACCESSION AR237744
VERSION AR237744.1 GI:27282551
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 16)
AUTHORS Dubensky,T.W. Jr., Polo,J.M., Belli,B.A., Schlesinger,S.,
        Dryga,S.A. and Frolov,I.
TITLE Recombinant alphavirus-based vectors with reduced inhibition of
        cellular macromolecular synthesis
JOURNAL Patent: US 6465634-A 85 15-OCT-2002;
FEATURES
    source
        1..16
            /organism="unknown"
            /mol_type="genomic DNA"
Query Match 2.8%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 2.4e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 873 CACTTTCCTGAGATGC 888
Db 1 CACGGTCCTGAGGTGC 16
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LOCUS AX173374 16 bp DNA linear PAT 03-JUL-2001
DEFINITION Sequence 28 from Patent WO0142445.
ACCESSION AX173374
VERSION AX173374.1 GI:14598149
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Murphy, B.R., Collins, P.L., Schmidt, A.C., Durbin, A.P.,
Skiadopoulos, M.H. and Tao, T.
TITLE Use of recombinant parainfluenza viruses (pivs) as vectors to
protect against infection and disease caused by piv and other human
pathogens
JOURNAL Patent: WO 0142445-A 28 14-JUN-2001;
The Secretary of the Department of Health and Human Services (US)
FEATURES
source
1. .16
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Oligomer insert for rule-of-six conformity"
Query Match 2.8%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 2.4e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 548 AGGCTCCCGCGCGAG 563
Db 16 AGGCTCCCGCGCGCG 1
RESULT 430
AX349227/c
LOCUS AX349227 16 bp DNA linear PAT 06-FEB-2002
DEFINITION Sequence 11 from Patent WO0202810.
ACCESSION AX349227
VERSION AX349227.1 GI:18615259
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Bickel, R., Ehrlich, R., Ellinger, T., Ermantraut, E., Kaiser, T.,
Schulz, T. and Wagner, G.
TITLE Method for qualitative and/or quantitative detecting of molecular
interactions on probe arrays
JOURNAL Patent: WO 0202810-A 11 10-JAN-2002;
Clondia Chip Technologies GmbH (DE)
FEATURES
source
1. .16
/organism="synthetic construct"
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/db_xref="taxon:32630"
/note="Oligonukleotidsonde"
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Best Local Similarity 81.2%; Pred. No. 2.4e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 791 TGGTCCCAAGAGCTCT 806
Db 16 TGGTCTTAAGAGCCCT 1
RESULT 431
AX552598
LOCUS AX552598 16 bp RNA linear PAT 27-NOV-2002
DEFINITION Sequence 14 from Patent WO02074963.
ACCESSION AX552598
VERSION AX552598.1 GI:25896607
KEYWORDS West Nile virus (WNV)
SOURCE

ORGANISM West Nile virus
Viruses; ssRNA positive-strand viruses, no DNA stage; Flaviviridae;
Flavivirus; Japanese encephalitis virus group.
REFERENCE 1
AUTHORS Markoff, L. and Zeng, L.
TITLE Dengue viruses that are replication defective in mosquitoes for use
as vaccines
JOURNAL Patent: WO 02074963-A 14 26-SEP-2002;
THE SECRETARY OF THE DEPARTMENT OF HEALTH AND HUMAN SERVICES (US)
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source
1. .16
/organism="West Nile virus"
/mol_type="unassigned RNA"
/db_xref="taxon:11082"
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Best Local Similarity 81.2%; Pred. No. 2.4e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 737 GGACTTGGTAGGTCCT 752
Db 1 GGACCAGATAGGTCCT 16
RESULT 432
BD078828
LOCUS BD078828 16 bp DNA linear PAT 27-AUG-2002
DEFINITION Recombined alpha virus-base vector with reduced inhibition of
cellular giant molecule synthesis.
ACCESSION BD078828
VERSION BD078828.1 GI:22624431
KEYWORDS JP 2001519165-A/85.
SOURCE unidentified
ORGANISM unidentified
unclassified.
REFERENCE 1 (bases 1 to 16)
AUTHORS Jr, T.W.D., Polo, J.M., Belli, B.A., Schlesinger, S., Dryga, S.A. and
Frolow, I.
TITLE Recombined alpha virus-base vector with reduced inhibition of
cellular giant molecule synthesis
JOURNAL Patent: JP 2001519165-A 85 23-OCT-2001;
CHIRON CORP, WASHINGTON UNIVERSITY
COMMENT OS Unidentified
PN JP 2001519165-A/85
PD 23-OCT-2001
PF 06-OCT-1998 JP 2000515020
PR 06-OCT-1997 US 08/944465
PI THOMAS W DUBENSKY JR, JOHN M POLO, BARBARA A BELLI, SONDRA PI
SCHLESINGER,
PI SERGEY A DRYGA, ILYA FROLOV
PC C12N15/09, A61K35/76, A61K48/00, C12N1/15, C12N1/19, C12N1/21 PC
C12N5/10, C12N7/00
PC C12N15/00, C12N5/00
CC Strandedness: Single;
CC Topology: Linear;
CC Recombined alpha virus-base vector with reduced inhibition of
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CC giant molecule synthesis
CC FH Key Location/Qualifiers
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1. .16
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/db_xref="taxon:32644"
Query Match 2.8%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 2.4e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 873 CACTTCTCTGAGATGC 888
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Db      1  CACGGTCTGTGAGTGTC 16

RESULT 433
BD085655 16 bp DNA linear PAT 27-AUG-2002
LOCUS    Recombinant alphavirus-based vectors with reduced inhibition of
DEFINITION
cellular macro-molecular synthesis.
ACCESSION BD085655
VERSION   1 GI:22631265
KEYWORDS  JP 2001521369-A/85.
SOURCE   unidentified
ORGANISM unidentified
unclassified.
REFERENCE 1 (bases 1 to 16)
AUTHORS  Jr,T.W.D., Polo,J.M., Belli,B.A., Schlesinger,S., Dryga,S.A. and
          Prolov,I.
TITLE    Recombinant alphavirus-based vectors with reduced inhibition of
JOURNAL  Cellular macro-molecular synthesis
COMMENT  Patent: JP 2001521369-A 85 06-NOV-2001;
          CHIRON CORP, WASHINGTON UNIVERSITY
          OS Unidentified
          PN JP 2001521369-A/85
          PD 06-NOV-2001
          PF 04-APR-1997 JP 1997536512
          PR 05-APR-1996 US 08/628594, 24-JUN-1996 US 08/668953 PR
          12-JUL-1996 US 08/679640
          PI THOMAS W DUBENSKY JR, JOHN M POLO, BARBARA A BELLI, SONDRA PI
          SCHLESINGER,
          PI SERGEY A DRYGA, ILVA PROLOV
          PC Cl2N
          CC Strandedness: Single;
          CC Topology: Linear;
          CC Recombinant alphavirus-based vectors with reduced inhibition
          of cellular
          CC macro-molecular synthesis
          FH Key
          FT source
          FT Location/Qualifiers
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Query Match 2.8%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 2.4e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 873 CACTTCTGTGAGTGTC 888
Db      1  CACGGTCTGTGAGTGTC 16

RESULT 434
BD089150/c
LOCUS    A method of arraying genome clone.
DEFINITION
ACCESSION BD089150
VERSION   1 GI:22634760
KEYWORDS  JP 2001321190-A/1394.
SOURCE   synthetic construct
ORGANISM artificial construct
REFERENCE 1 (bases 1 to 16)
AUTHORS  Soeda,E.
TITLE    A method of arraying genome clone
JOURNAL  Patent: JP 2001321190-A 1394 20-NOV-2001;
          THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
          GENOTECHS
          OS Artificial Sequence
          PN JP 2001321190-A/1394
          PD 20-NOV-2001

PF 12-MAR-2001 JP 2001068285
PI EIICHI SOEDA
PC Cl2N15/09, Cl2N15/09, Cl2N15/00, Cl2Q1/68, G01N33/53, G01N33/566, PC
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CC Location/Qualifiers
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Query Match 2.8%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 2.4e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 543 CTCCTAGGCTCCCA 558
Db      16  CTGCTTGGCTCACCA 1

RESULT 435
ATH524874 16 bp DNA linear PLN 29-MAR-2003
LOCUS    Arabidopsis thaliana T-DNA flanking sequence, left border, clone
DEFINITION
ACCESSION AJ524874
VERSION   1 GI:26793110
KEYWORDS  left border; T-DNA flanking sequence.
SOURCE    Arabidopsis thaliana (thale cress)
ORGANISM  Arabidopsis thaliana
          Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
          Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
          rosids; eurosids II; Brassicales; Brassicaceae; Arabidopsi.
          1
          Brunaud,V., Balzerque,S., Dubreucq,B., Aubourg,S., Samson,F.,
          Chauvin,S., Bechtold,N., Cruaud,C., DeRose,R., Pelletier,G.,
          Lepiniec,L., Caboche,M. and Lecharny,A.
          T-DNA integration into the Arabidopsis genome depends on sequences
          of pre-insertion sites
          EMBO Rep. 3 (12), 1152-1157 (2002)
          MEDLINE 22363535
          PUBMED 12446565
          2 (bases 1 to 16)
          Balzerque,S.
          Direct Submission
          Submitted (21-NOV-2002) Balzerque S., UMRGV, INRA/CNRS, 2 rue
          Gaston Cremieux, 91057 Evry cedex, FRANCE
          PCR was performed on DNA from transformants of Arabidopsis thaliana
          plants from INRA (Versailles). The DNA fragment(s) resulting from
          the PCR were directly sequenced from the left or the right border
          to determine the genomic sequence flanking the insertion. T-DNA
          derived sequences were removed. Information to order the
          corresponding mutant line and a link to a database providing a
          graphical display of the insertion site are available at
          http://dbgap.versailles.inra.fr/publiclines/. This sequence has
          been generated in the framework of the French plant genomics
          program 'Genoplante' (http://www.genoplante.com and
          http://genoplante-info.infobiogen.fr).
          Location/Qualifiers
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             /clone="083F08"
             /clone_lib="Arabidopsis thaliana T-DNA insertion lines"
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misc_feature
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Query Match 2.8%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 2.4e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 651 AGACCTCAGTCTTCT 666
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Db 1 AGATGTCAGTCTATCT 16

RESULT 436
AB069093/c
LOCUS
DEFINITION Synthetic construct DNA, reverse primer for human STS sts-D1S512 at
lp36.
ACCESSION AB069093 GI:15129897
VERSION AB069093.1
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM artificial sequences.

REFERENCE 1
AUTHORS Chen, Y.Z., Hayaishi, Y., Wu, J.G., Takaoka, E., Maekawa, K.,
Watanabe, N., Inazawa, J., Hosoda, F., Arai, Y., Mizushima, H.,
Morohashi, A., Ohira, M., Nakagawara, A., Liu, S., Hoshi, M., Horii, A.
and Soeda, E.

TITLE A BAC-based STS-content map spanning a 35-Mb region of human
chromosome lp35-p36
JOURNAL Genomics 74 (1), 55-70 (2001)

MEDLINE 21269192
PUBMED 11374902

REFERENCE 2 (bases 1 to 16)
AUTHORS Horii, A.

TITLE Direct Submission
JOURNAL Submitted (04-AUG-2001) Akira Horii, Tohoku University School of
Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, Sendai,
Miyagi 980-8575, Japan (E-mail: horii@mail.cc.tohoku.ac.jp,
Tel: 81-22-717-8042, Fax: 81-22-717-8047)

FEATURES
SOURCE
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/organism="synthetic construct"
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/db_xref="taxon:32630"
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sts-D1S512 obtained from clones B27F18, B370B7, B133B1,
B137C2, B182L10, B247E16, B123L12, B200L1, B200L2,
B215B22, Human BAC library RPCI-11"

Query Match 2.8%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 2.4e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 543 CTCCTAGCGCTCCCA 558
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Db 16 CTGCTGGCCTCACCA 1

Search completed: March 8, 2004, 10:59:54
Job time : 3 secs

GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.

OM nucleic - nucleic search, using sw model

Run on: March 8, 2004, 14:16:38 ; Search time 2 Seconds
(without alignments)
3.492 Million cell updates/sec

Title: us-10-016-149-3

Perfect score: 398

Sequence: 1 acaaccacagtagtaaac.....gatgcacttacttctcagct 398

Scoring table: IDENTITY NUC

Gapop 10.0, Gapext 0.5

Searched: 436 seqs, 8775 residues

Total number of hits satisfying chosen parameters: 872

Minimum DB seq length: 8

Maximum DB seq length: 50

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 436 summaries

Database : rnmp.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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C 2	24	6.0	24	1	US-10-646-843-47
C 3	24	6.0	24	1	US-10-647-426-47
C 4	22	5.5	22	1	US-08-091-941-16
C 5	22	5.5	22	1	US-08-463-958-16
C 6	22	5.5	22	1	US-08-651-405-16
C 7	20.2	5.1	25	1	US-60-507-511-202307
C 8	20	5.0	20	1	PCT-US02-34654A-48
C 9	20	5.0	20	1	PCT-US02-34654A-49
C 10	20	5.0	20	1	PCT-US02-34654A-50
C 11	20	5.0	20	1	PCT-US02-34654A-51
C 12	20	5.0	20	1	PCT-US02-34654A-52
C 13	20	5.0	20	1	PCT-US02-34654A-53
C 14	20	5.0	20	1	PCT-US02-34654A-54
C 15	20	5.0	20	1	PCT-US02-34654A-55
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C 17	20	5.0	20	1	PCT-US02-34654A-57
C 18	20	5.0	20	1	PCT-US02-34654A-58
C 19	20	5.0	20	1	PCT-US02-34654A-59
C 20	20	5.0	20	1	PCT-US02-34654A-60
C 21	20	5.0	20	1	PCT-US02-34654A-61
C 22	20	5.0	20	1	PCT-US02-34654A-62
C 23	20	5.0	20	1	PCT-US02-34654A-63
C 24	20	5.0	20	1	PCT-US02-34654A-64
C 25	20	5.0	20	1	PCT-US02-34654A-65
C 26	20	5.0	20	1	PCT-US02-34654A-66
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C 84	18.8	4.7	25	1	US-10-719-956-111947
C 85	18.8	4.7	25	1	US-60-427-836-111947
C 86	18.6	4.7	25	1	US-09-956-584-4185
C 87	18.6	4.7	25	1	US-09-956-584-267379
C 88	18.6	4.7	25	1	US-10-355-577-225417
C 89	18.6	4.7	25	1	US-10-355-577-225418
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					Sequence 416268,
					Sequence 30, Appl
					Sequence 275455,
					Sequence 287538,
					Sequence 104043,
					Sequence 104044,
					Sequence 279275,
					Sequence 50925, A
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					Sequence 318021,

107	18.2	4.6	25	1	US-60-427-808-104043	Sequence 104043,	C 180	15.4	3.9	19	1	US-09-783-881-102	Sequence 102, App
108	18.2	4.6	25	1	US-60-427-808-104044	Sequence 104044,	C 181	15.4	3.9	19	1	US-10-349-143-6172	Sequence 6172, Ap
109	18.2	4.6	25	1	US-60-427-808-203275	Sequence 203275,	C 182	15.4	3.9	20	1	US-09-367-273-8	Sequence 8, Appl
110	18.2	4.6	25	1	US-60-427-836-50925	Sequence 50925,	C 183	15.4	3.9	20	1	US-10-289-762-5931	Sequence 5931, Ap
111	18.2	4.6	25	1	US-60-507-481-108287	Sequence 108287,	C 184	15.4	3.9	20	1	US-10-310-188-12327	Sequence 12327, A
112	18.2	4.6	25	1	US-60-507-511-104423	Sequence 104423,	C 185	15.4	3.9	21	1	US-09-765-081-363	Sequence 363, App
113	18	4.5	25	1	US-10-719-900-256056	Sequence 256056,	C 186	15.4	3.9	21	1	US-09-957-641-11	Sequence 11, Appl
114	18	4.5	25	1	US-60-427-808-256056	Sequence 256056,	C 187	15.4	3.9	21	1	US-09-957-641-11	Sequence 11, Appl
115	17.8	4.5	25	1	US-09-396-19687-72709	Sequence 72709, A	C 188	15.4	3.9	20	1	PCT-US02-31357-85	Sequence 85, Appl
116	17.8	4.5	25	1	US-09-954-427A-355918	Sequence 355918,	C 189	15.2	3.8	20	1	PCT-US03-20865-3335	Sequence 3335, Ap
117	17.8	4.5	25	1	US-09-956-584-175754	Sequence 175754,	C 190	15.2	3.8	20	1	US-07-920-483B-183	Sequence 183, App
118	17.8	4.5	25	1	US-09-956-584-183457	Sequence 183457,	C 191	15.2	3.8	20	1	US-08-471-498-1	Sequence 1, Appl
119	17.8	4.5	25	1	US-09-956-584-298823	Sequence 298823,	C 192	15.2	3.8	20	1	US-10-144-577-20	Sequence 20, Appl
120	17.8	4.5	25	1	US-09-956-584-307865	Sequence 307865,	C 193	15.2	3.8	20	1	US-10-144-577-20	Sequence 20, Appl
121	17.8	4.5	25	1	US-10-719-956-81522	Sequence 81522, A	C 194	15.2	3.8	20	1	US-10-144-577-20	Sequence 20, Appl
122	17.8	4.5	25	1	US-60-234-017-146401	Sequence 146401,	C 195	15.2	3.8	20	1	US-10-190-312A-167	Sequence 167, App
123	17.8	4.5	25	1	US-60-234-017-189436	Sequence 189436,	C 196	15.2	3.8	20	1	US-10-262-445-85	Sequence 85, Appl
124	17.8	4.5	25	1	US-60-234-017-315041	Sequence 315041,	C 197	15.2	3.8	20	1	US-10-298-123-32	Sequence 32, Appl
125	17.8	4.5	25	1	US-60-234-017-321630	Sequence 321630,	C 198	15.2	3.8	20	1	US-10-298-123-63	Sequence 63, Appl
126	17.8	4.5	25	1	US-60-427-836-81522	Sequence 81522, A	C 199	15.2	3.8	20	1	US-10-303-778-634	Sequence 634, App
127	17.8	4.5	25	1	US-09-292-779B-61	Sequence 61, Appl	C 200	15.2	3.8	20	1	US-10-315-765-29	Sequence 29, Appl
128	17.6	4.4	24	1	US-60-117-955-13	Sequence 13, Appl	C 201	15.2	3.8	20	1	PCT-US03-17676-47	Sequence 47, Appl
129	17.6	4.4	24	1	US-09-660-222-113916	Sequence 113916,	C 202	15.2	3.8	21	1	US-10-019-348-19	Sequence 19, Appl
130	17.6	4.4	25	1	US-09-953-115-25459	Sequence 25459, A	C 203	15.2	3.8	21	1	US-10-455-552-47	Sequence 47, Appl
131	17.6	4.4	25	1	US-09-953-115-25459	Sequence 25459, A	C 204	15.2	3.8	21	1	US-10-751-736-181	Sequence 181, App
132	17.6	4.4	25	1	US-09-953-570A-65549	Sequence 65549, A	C 205	15.2	3.8	21	1	US-10-751-736-182	Sequence 182, App
133	17.6	4.4	25	1	US-09-954-427A-111839	Sequence 111839,	C 206	15.2	3.8	21	1	US-10-751-736-12863	Sequence 12863, A
134	17.6	4.4	25	1	US-09-954-427A-458951	Sequence 458951,	C 207	15.2	3.8	21	1	US-10-751-736-14101	Sequence 14101, A
135	17.6	4.4	25	1	US-09-954-445A-33353	Sequence 33353, A	C 208	15.2	3.8	21	1	US-10-751-736-17698	Sequence 17698, A
136	17.6	4.4	25	1	US-09-956-584-4184	Sequence 4184, Ap	C 209	15.2	3.8	21	1	US-10-751-736-38368	Sequence 38368, A
137	17.6	4.4	25	1	US-09-956-584-4184	Sequence 4184, Ap	C 210	15.2	3.8	21	1	US-10-310-188-16316	Sequence 16316, A
138	17.6	4.4	25	1	US-09-956-584-208835	Sequence 208835,	C 211	15	3.8	19	1	US-09-451-662-25	Sequence 25, Appl
139	17.6	4.4	25	1	US-10-098-263B-24812	Sequence 24812, A	C 212	14.8	3.7	18	1	US-09-451-662-27	Sequence 27, Appl
140	17.6	4.4	25	1	US-10-098-263B-83917	Sequence 83917, A	C 213	14.8	3.7	18	1	PCT-US03-05045-188	Sequence 188, App
141	17.6	4.4	25	1	US-10-355-577-51223	Sequence 51223, A	C 214	14.8	3.7	19	1	PCT-US03-05045-247	Sequence 247, App
142	17.6	4.4	25	1	US-10-355-577-51223	Sequence 51223, A	C 215	14.8	3.7	19	1	PCT-US03-05045-437	Sequence 437, App
143	17.6	4.4	25	1	US-10-355-577-793156	Sequence 793156,	C 216	14.8	3.7	19	1	PCT-US03-05045-496	Sequence 496, App
144	17.6	4.4	25	1	US-10-719-900-347567	Sequence 347567,	C 217	14.8	3.7	19	1	PCT-US03-05045-619	Sequence 619, App
145	17.6	4.4	25	1	US-10-719-900-746526	Sequence 746526,	C 218	14.8	3.7	19	1	US-09-453-607C-2576	Sequence 2576, Ap
146	17.6	4.4	25	1	US-10-719-956-136754	Sequence 136754,	C 219	14.8	3.7	19	1	US-09-453-607C-2576	Sequence 2576, Ap
147	17.6	4.4	25	1	US-10-719-956-136754	Sequence 136754,	C 220	14.8	3.7	19	1	US-09-696-791-2576	Sequence 2576, Ap
148	17.6	4.4	25	1	US-10-719-956-178211	Sequence 178211,	C 221	14.8	3.7	19	1	US-10-251-117-188	Sequence 188, App
149	17.6	4.4	25	1	US-10-719-956-178211	Sequence 178211,	C 222	14.8	3.7	19	1	US-10-251-117-247	Sequence 247, App
150	17.6	4.4	25	1	US-60-233-620-33353	Sequence 33353, A	C 223	14.8	3.7	19	1	US-10-251-117-437	Sequence 437, App
151	17.6	4.4	25	1	US-60-234-017-31256	Sequence 31256, A	C 224	14.8	3.7	19	1	US-10-251-117-496	Sequence 496, App
152	17.6	4.4	25	1	US-60-234-017-31268	Sequence 31268, A	C 225	14.8	3.7	19	1	US-10-251-117-673	Sequence 673, App
153	17.6	4.4	25	1	US-60-234-017-201954	Sequence 201954,	C 226	14.8	3.7	19	1	US-10-251-117-980	Sequence 980, App
154	17.6	4.4	25	1	US-60-353-987-51223	Sequence 51223, A	C 227	14.8	3.7	19	1	US-10-310-188-1972	Sequence 1972, Ap
155	17.6	4.4	25	1	US-60-353-987-617217	Sequence 617217,	C 228	14.8	3.7	19	1	US-10-310-188-58104	Sequence 58104, A
156	17.6	4.4	25	1	US-60-427-808-347567	Sequence 347567,	C 229	14.8	3.7	19	1	PCT-US03-05271-35	Sequence 35, Appl
157	17.6	4.4	25	1	US-60-427-808-746526	Sequence 746526,	C 230	14.8	3.7	19	1	US-08-339-516-6	Sequence 6, Appl
158	17.6	4.4	25	1	US-60-427-836-136754	Sequence 136754,	C 231	14.8	3.7	20	1	US-09-927-796-214	Sequence 214, App
159	17.6	4.4	25	1	US-60-427-836-178211	Sequence 178211,	C 232	14.8	3.7	20	1	US-10-210-951-214	Sequence 214, App
160	17.6	4.4	25	1	US-60-427-836-178211	Sequence 178211,	C 233	14.8	3.7	20	1	US-10-210-951-214	Sequence 214, App
161	17.6	4.4	25	1	US-60-427-836-178211	Sequence 178211,	C 234	14.8	3.7	20	1	US-10-211-858-214	Sequence 214, App
162	17.6	4.4	25	1	US-60-507-511-40221	Sequence 40221, A	C 235	14.8	3.7	20	1	US-10-211-858-214	Sequence 214, App
163	17.2	4.3	22	1	US-10-310-188-42057	Sequence 42057, A	C 236	14.8	3.7	20	1	US-10-371-122-35	Sequence 35, Appl
164	16.8	4.2	21	1	US-10-310-188-40233	Sequence 40233, A	C 237	14.8	3.7	20	1	US-10-371-122-35	Sequence 35, Appl
165	16.8	4.2	21	1	US-10-266-090-42010	Sequence 42010, A	C 238	14.8	3.7	20	1	US-10-628-088-35	Sequence 35, Appl
166	16.6	4.2	23	1	US-10-751-736-1040	Sequence 1040, Ap	C 239	14.8	3.7	20	1	US-60-465-811-35	Sequence 35, Appl
167	16.2	4.1	21	1	US-10-751-736-1039	Sequence 1039, Ap	C 240	14.8	3.7	20	1	US-60-466-776-35	Sequence 35, Appl
168	16.2	4.1	21	1	US-10-751-736-25128	Sequence 25128, A	C 241	14.8	3.7	20	1	US-60-480-658-35	Sequence 35, Appl
169	16.2	4.1	22	1	US-10-310-188-35581	Sequence 35581, A	C 242	14.8	3.7	20	1	US-10-310-188-61896	Sequence 61896, A
170	16	4.0	20	1	US-07-920-483B-185	Sequence 185, App	C 243	14.8	3.7	20	1	US-10-349-143-4342	Sequence 4342, Ap
171	16	4.0	20	1	US-07-920-483B-185	Sequence 185, App	C 244	14.8	3.7	20	1	US-10-751-736-12862	Sequence 12862, A
172	15.8	4.0	21	1	US-10-310-188-75348	Sequence 75348, A	C 245	14.8	3.7	21	1	US-10-751-736-12865	Sequence 12865, A
173	15.8	4.0	22	1	US-10-032-585-4849	Sequence 4849, Ap	C 246	14.8	3.7	21	1	US-10-061-201-1115	Sequence 1115, Ap
174	15.4	3.9	17	1	US-10-061-201-1116	Sequence 1116, Ap	C 247	14.8	3.7	21	1	US-10-061-201-1117	Sequence 1117, Ap
175	15.4	3.9	18	1	US-60-328-205-1116	Sequence 1116, Ap	C 248	14.8	3.7	21	1	US-10-303-778-15663	Sequence 15663, A
176	15.4	3.9	17	1	US-10-310-188-6795	Sequence 6795, Ap	C 249	14.4	3.6	17	1	US-10-310-188-30369	Sequence 30369, A
177	15.4	3.9	19	1	US-09-178-536B-102	Sequence 102, App	C 250	14.4	3.6	17	1		
178	15.4	3.9	19	1	US-09-297-576A-102	Sequence 102, App	C 251	14.4	3.6	17	1		
179	15.4	3.9	19	1	US-09-686-148-102	Sequence 102, App	C 252	14.4	3.6	17	1		

C 253	14.4	3.6	17	1	US-10-310-188-81610	Sequence 81610, A	326	13.8	3.5	17	1	US-10-017-974-8337	Sequence 8337, Ap
C 254	14.4	3.6	17	1	US-10-422-588-1	Sequence 1, Appli	327	13.8	3.5	17	1	US-10-156-306-1301	Sequence 1301, Ap
C 255	14.4	3.6	17	1	US-60-328-205-1115	Sequence 1115, Ap	328	13.8	3.5	17	1	US-10-163-552-985	Sequence 985, App
C 256	14.4	3.6	17	1	US-60-328-205-1117	Sequence 1117, Ap	329	13.8	3.5	17	1	US-10-303-778-15561	Sequence 15561, A
C 257	14.4	3.6	17	1	US-60-328-205-1117	Sequence 1117, Ap	330	13.8	3.5	17	1	US-10-310-188-29766	Sequence 29766, A
C 258	14.4	3.6	17	1	US-60-310-188-27135	Sequence 27135, A	331	13.8	3.5	17	1	US-10-310-188-67124	Sequence 67124, A
C 259	14.4	3.6	18	1	US-60-216-745-6966	Sequence 6966, Ap	332	13.8	3.5	17	1	US-10-342-902-733	Sequence 733, App
C 260	14.4	3.6	19	1	US-08-965-620-1082	Sequence 1082, Ap	333	13.8	3.5	17	1	US-10-342-902-733	Sequence 733, App
C 261	14.4	3.6	20	1	US-08-965-620-1082	Sequence 1082, Ap	334	13.8	3.5	17	1	US-10-342-902-733	Sequence 733, App
C 262	14.4	3.6	20	1	US-09-514-000-8881	Sequence 8881, Ap	335	13.8	3.5	17	1	US-10-471-271-3089	Sequence 3089, Ap
C 263	14.4	3.6	20	1	US-09-749-7288-58	Sequence 58, Appl	336	13.8	3.5	17	1	US-10-471-271-3089	Sequence 3089, Ap
C 264	14.4	3.6	20	1	US-09-824-322B-446	Sequence 446, App	337	13.8	3.5	17	1	US-10-669-841-733	Sequence 733, App
C 265	14.4	3.6	20	1	US-09-986-381-6	Sequence 6, Appli	338	13.8	3.5	17	1	US-10-669-841-733	Sequence 733, App
C 266	14.4	3.6	20	1	US-10-647-918-446	Sequence 446, App	339	13.8	3.5	17	1	US-10-675-685-618	Sequence 618, App
C 267	14.4	3.6	20	1	US-10-652-795-446	Sequence 446, App	340	13.8	3.5	17	1	US-10-675-685-618	Sequence 618, App
C 268	14.2	3.6	19	1	US-03-04123-150	Sequence 150, App	341	13.8	3.5	17	1	US-10-723-361-911	Sequence 911, App
C 269	14.2	3.6	19	1	US-03-04123-335	Sequence 335, App	342	13.8	3.5	17	1	US-10-723-361-911	Sequence 911, App
C 270	14.2	3.6	19	1	US-03-16651-376	Sequence 376, App	343	13.8	3.5	17	1	US-10-724-270-5640	Sequence 5640, App
C 271	14.2	3.6	19	1	US-09-508-159A-29	Sequence 29, Appl	344	13.8	3.5	17	1	US-08-168-920B-24	Sequence 24, Appl
C 272	14.2	3.6	19	1	US-10-206-705-150	Sequence 150, App	345	13.8	3.5	17	1	US-09-864-426A-693	Sequence 693, App
C 273	14.2	3.6	19	1	US-10-206-705-335	Sequence 335, App	346	13.8	3.5	17	1	US-09-864-426A-693	Sequence 693, App
C 274	14.2	3.6	19	1	US-10-206-705A-150	Sequence 150, App	347	13.8	3.5	17	1	US-09-864-426A-693	Sequence 693, App
C 275	14.2	3.6	19	1	US-10-206-705A-335	Sequence 335, App	348	13.8	3.5	17	1	US-09-864-426A-693	Sequence 693, App
C 276	14.2	3.6	19	1	US-10-310-188-33247	Sequence 33247, A	349	13.8	3.5	17	1	US-10-084-839-693	Sequence 693, App
C 277	14.2	3.6	19	1	US-10-444-925-376	Sequence 376, App	350	13.8	3.5	17	1	US-10-084-839-693	Sequence 693, App
C 278	14.2	3.6	20	1	US-09-508-159A-29	Sequence 29, Appl	351	13.8	3.5	17	1	US-10-084-839-693	Sequence 693, App
C 279	14.2	3.6	20	1	US-09-508-159A-29	Sequence 29, Appl	352	13.8	3.5	17	1	US-10-084-839-693	Sequence 693, App
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C 282	14.2	3.6	20	1	US-09-508-159A-29	Sequence 29, Appl	355	13.8	3.5	17	1	US-10-084-839-693	Sequence 693, App
C 283	14.2	3.6	20	1	US-09-508-159A-29	Sequence 29, Appl	356	13.8	3.5	17	1	US-10-084-839-693	Sequence 693, App
C 284	14.2	3.6	20	1	US-09-508-159A-29	Sequence 29, Appl	357	13.8	3.5	17	1	US-10-084-839-693	Sequence 693, App
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C 286	14.2	3.6	20	1	US-09-508-159A-29	Sequence 29, Appl	359	13.8	3.5	17	1	US-10-084-839-693	Sequence 693, App
C 287	14.2	3.6	20	1	US-09-508-159A-29	Sequence 29, Appl	360	13.8	3.5	17	1	US-10-084-839-693	Sequence 693, App
C 288	14.2	3.6	20	1	US-09-508-159A-29	Sequence 29, Appl	361	13.8	3.5	17	1	US-10-084-839-693	Sequence 693, App
C 289	14.2	3.6	20	1	US-09-508-159A-29	Sequence 29, Appl	362	13.8	3.5	17	1	US-10-084-839-693	Sequence 693, App
C 290	14.2	3.6	20	1	US-09-508-159A-29	Sequence 29, Appl	363	13.8	3.5	17	1	US-10-084-839-693	Sequence 693, App
C 291	14.2	3.6	20	1	US-09-508-159A-29	Sequence 29, Appl	364	13.8	3.5	17	1	US-10-084-839-693	Sequence 693, App
C 292	14.2	3.6	20	1	US-09-508-159A-29	Sequence 29, Appl	365	13.8	3.5	17	1	US-10-084-839-693	Sequence 693, App
C 293	14.2	3.6	20	1	US-09-508-159A-29	Sequence 29, Appl	366	13.8	3.5	17	1	US-10-084-839-693	Sequence 693, App
C 294	14.2	3.6	20	1	US-09-508-159A-29	Sequence 29, Appl	367	13.8	3.5	17	1	US-10-084-839-693	Sequence 693, App
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C 297	14.2	3.6	20	1	US-09-508-159A-29	Sequence 29, Appl	370	13.8	3.5	17	1	US-10-084-839-693	Sequence 693, App
C 298	14.2	3.6	20	1	US-09-508-159A-29	Sequence 29, Appl	371	13.8	3.5	17	1	US-10-084-839-693	Sequence 693, App
C 299	14.2	3.6	20	1	US-09-508-159A-29	Sequence 29, Appl	372	13.8	3.5	17	1	US-10-084-839-693	Sequence 693, App
C 300	14.2	3.6	20	1	US-09-508-159A-29	Sequence 29, Appl	373	13.8	3.5	17	1	US-10-084-839-693	Sequence 693, App
C 301	14.2	3.6	20	1	US-09-508-159A-29	Sequence 29, Appl	374	13.8	3.5	17	1	US-10-084-839-693	Sequence 693, App
C 302	14.2	3.6	20	1	US-09-508-159A-29	Sequence 29, Appl	375	13.8	3.5	17	1	US-10-084-839-693	Sequence 693, App
C 303	14.2	3.6	20	1	US-09-508-159A-29	Sequence 29, Appl	376	13.8	3.5	17	1	US-10-084-839-693	Sequence 693, App
C 304	14.2	3.6	20	1	US-09-508-159A-29	Sequence 29, Appl	377	13.8	3.5	17	1	US-10-084-839-693	Sequence 693, App
C 305	14.2	3.6	20	1	US-09-508-159A-29	Sequence 29, Appl	378	13.8	3.5	17	1	US-10-084-839-693	Sequence 693, App
C 306	14.2	3.6	20	1	US-09-508-159A-29	Sequence 29, Appl	379	13.8	3.5	17	1	US-10-084-839-693	Sequence 693, App
C 307	14.2	3.6	20	1	US-09-508-159A-29	Sequence 29, Appl	380	13.8	3.5	17	1	US-10-084-839-693	Sequence 693, App
C 308	14	3.5	20	1	US-09-000-004A-5	Sequence 5, Appli	381	13.4	3.4	17	1	US-08-435-632-1575	Sequence 1575, Ap
C 309	13.8	3.5	17	1	US-09-000-004A-5	Sequence 5, Appli	382	13.4	3.4	17	1	US-08-435-632-1575	Sequence 1575, Ap
C 310	13.8	3.5	17	1	US-09-000-004A-5	Sequence 5, Appli	383	13.4	3.4	17	1	US-08-435-632-1575	Sequence 1575, Ap
C 311	13.8	3.5	17	1	US-09-000-004A-5	Sequence 5, Appli	384	13.4	3.4	17	1	US-08-435-632-1575	Sequence 1575, Ap
C 312	13.8	3.5	17	1	US-09-000-004A-5	Sequence 5, Appli	385	13.4	3.4	17	1	US-08-435-632-1575	Sequence 1575, Ap
C 313	13.8	3.5	17	1	US-09-000-004A-5	Sequence 5, Appli	386	13.4	3.4	17	1	US-08-435-632-1575	Sequence 1575, Ap
C 314	13.8	3.5	17	1	US-09-000-004A-5	Sequence 5, Appli	387	13.4	3.4	17	1	US-08-435-632-1575	Sequence 1575, Ap
C 315	13.8	3.5	17	1	US-09-000-004A-5	Sequence 5, Appli	388	13.4	3.4	17	1	US-08-435-632-1575	Sequence 1575, Ap
C 316	13.8	3.5	17	1	US-09-000-004A-5	Sequence 5, Appli	389	13.4	3.4	17	1	US-08-435-632-1575	Sequence 1575, Ap
C 317	13.8	3.5	17	1	US-09-000-004A-5	Sequence 5, Appli	390	13.4	3.4	17	1	US-08-435-632-1575	Sequence 1575, Ap
C 318	13.8	3.5	17	1	US-09-000-004A-5	Sequence 5, Appli	391	13.4	3.4	17	1	US-08-435-632-1575	Sequence 1575, Ap
C 319	13.8	3.5	17	1	US-09-000-004A-5	Sequence 5, Appli	392	13.4	3.4	17	1	US-08-435-632-1575	Sequence 1575, Ap
C 320	13.8	3.5	17	1	US-09-000-004A-5	Sequence 5, Appli	393	13.4	3.4	17	1	US-08-435-632-1575	Sequence 1575, Ap
C 321	13.8	3.5	17	1	US-09-000-004A-5	Sequence 5, Appli	394	13.4	3.4	17	1	US-08-435-632-1575	Sequence 1575, Ap
C 322	13.8	3.5	17	1	US-09-000-004A-5	Sequence 5, Appli	395	13.4	3.4	17	1	US-08-435-632-1575	Sequence 1575, Ap
C 323	13.8	3.5	17	1	US-09-000-004A-5	Sequence 5, Appli	396	13.4	3.4	17	1	US-08-435-632-1575	Sequence 1575, Ap
C 324	13.8	3.5	17	1	US-09-000-004A-5	Sequence 5, Appli	397	13.4	3.4	17	1	US-08-435-632-1575	Sequence 1575, Ap
C 325	13.8	3.5	17	1	US-09-000-004A-5	Sequence 5, Appli	398	13.4	3.4	17	1	US-08-435-632-1575	Sequence 1575, Ap

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399 13.4 3.4 17 1 US-10-310-188-34575 Sequence 34575, A
400 13.4 3.4 17 1 US-10-310-188-43890 Sequence 43890, A
401 13.4 3.4 17 1 US-10-338-777-363 Sequence 363, App
402 13.4 3.4 17 1 US-10-430-882-461 Sequence 461, App
403 13.4 3.4 17 1 US-10-430-882-744 Sequence 744, App
404 13.4 3.4 17 1 US-10-471-271-461 Sequence 461, App
405 13.4 3.4 17 1 US-10-471-271-744 Sequence 744, App
406 13.4 3.4 17 1 US-10-623-107-787 Sequence 787, App
407 13.4 3.4 17 1 US-10-623-107-788 Sequence 788, App
408 13.4 3.4 17 1 US-10-678-154-486 Sequence 486, App
409 13.4 3.4 17 1 US-10-681-074-787 Sequence 787, App
410 13.4 3.4 17 1 US-10-681-074-788 Sequence 788, App
411 13.4 3.4 17 1 US-10-723-361-2137 Sequence 2137, App
412 13.4 3.4 17 1 US-10-723-361-2138 Sequence 2138, App
413 13.4 3.4 17 1 US-10-723-361-2139 Sequence 2139, App
414 13.4 3.4 17 1 US-10-767-154-486 Sequence 486, App
415 13.4 3.4 17 1 US-60-328-205-1114 Sequence 1114, App
416 13.4 3.4 17 1 US-60-328-205-1118 Sequence 1118, App
417 13.4 3.4 18 1 PCT-US99-23171-85 Sequence 85, Appl
418 13.4 3.4 18 1 US-09-295-487A-8 Sequence 8, Appl
419 13.4 3.4 18 1 US-09-295-487B-8 Sequence 8, Appl
420 13.4 3.4 18 1 US-09-295-487C-8 Sequence 8, Appl
421 13.4 3.4 18 1 US-10-067-125-85 Sequence 85, Appl
422 13.4 3.4 18 1 US-10-293-338-954 Sequence 954, App
423 13.4 3.4 18 1 US-10-310-188-27166 Sequence 27166, A
424 13.4 3.4 18 1 US-10-310-188-85078 Sequence 85078, A
425 13.4 3.4 18 1 US-10-349-143-8403 Sequence 8403, App
426 13.4 3.4 18 1 US-60-216-745-9481 Sequence 9481, App
427 13.4 3.4 19 1 PCT-US03-16651-320 Sequence 320, App
428 13.4 3.4 19 1 PCT-US03-16651-321 Sequence 321, App
429 13.4 3.4 19 1 US-10-303-778-14621 Sequence 14621, A
430 13.4 3.4 19 1 US-10-310-188-26928 Sequence 26928, A
431 13.4 3.4 19 1 US-10-310-188-58772 Sequence 58772, A
432 13.4 3.4 19 1 US-10-310-188-58772 Sequence 58772, A
433 13.4 3.4 19 1 US-10-310-188-60432 Sequence 60432, A
434 13.4 3.4 19 1 US-10-310-188-61099 Sequence 61099, A
435 13.4 3.4 19 1 US-10-313-211-12 Sequence 12, Appl
436 13.4 3.4 19 1 US-10-444-925-320 Sequence 320, App
437 13.4 3.4 19 1 US-10-444-925-321 Sequence 321, App
```

ALIGNMENTS

```
RESULT 1
US-09-676-052-47/c
; Sequence 47, Application US/09676052
; GENERAL INFORMATION:
; APPLICANT: Skinner, Michael K.
; TITLE OF INVENTION: A METHOD OF DETERMINING TUMOR CHARACTERISTICS BY
; TITLE OF INVENTION: DETERMINING ABNORMAL COPY NUMBER OR EXPRESSION LEVEL OF
; TITLE OF INVENTION: LIPID-ASSOCIATED GENES
; FILE REFERENCE: PATRICK EAGLEMAN: EMBOL-X 252/124
; CURRENT APPLICATION NUMBER: US/09/676,052
; PRIOR FILING DATE: 2000-09-28
; NUMBER OF SEQ ID NOS: 95
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 47
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Miscellaneous
US-09-676-052-47
```

```
Query Match 6.0%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 16;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 717 GGAGAGTGACTCTGGTCATAGGAC 740
Db 24 GGAGAGTGACTCTGGTCATAGGAC 1
```

```
RESULT 2
US-10-646-843-47/c
; Sequence 47, Application US/10646843
; GENERAL INFORMATION:
; APPLICANT: Skinner, Michael K.
; APPLICANT: Patton, Jodi L.
; TITLE OF INVENTION: A METHOD OF DETERMINING TUMOR CHARACTERISTICS BY
; TITLE OF INVENTION: DETERMINING ABNORMAL COPY NUMBER OR EXPRESSION LEVEL OF
; TITLE OF INVENTION: LIPID-ASSOCIATED GENES
; FILE REFERENCE: PATRICK EAGLEMAN: EMBOL-X 252/124
; CURRENT APPLICATION NUMBER: US/10/646,843
; CURRENT FILING DATE: 2003-08-25
; PRIOR APPLICATION NUMBER: US/09/676,052
; PRIOR FILING DATE: 2000-09-28
; NUMBER OF SEQ ID NOS: 95
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 47
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Miscellaneous
US-10-646-843-47
```

```
Query Match 6.0%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 16;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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```
QY 717 GGAGAGTGACTCTGGTCATAGGAC 740
Db 24 GGAGAGTGACTCTGGTCATAGGAC 1
```

```
RESULT 3
US-10-647-426-47/c
; Sequence 47, Application US/10647426
; GENERAL INFORMATION:
; APPLICANT: Skinner, Michael K.
; APPLICANT: Patton, Jodi L.
; TITLE OF INVENTION: A METHOD OF DETERMINING TUMOR CHARACTERISTICS BY
; TITLE OF INVENTION: DETERMINING ABNORMAL COPY NUMBER OR EXPRESSION LEVEL OF
; TITLE OF INVENTION: LIPID-ASSOCIATED GENES
; FILE REFERENCE: PATRICK EAGLEMAN: EMBOL-X 252/124
; CURRENT APPLICATION NUMBER: US/10/647,426
; CURRENT FILING DATE: 2003-08-26
; PRIOR FILING DATE: 2000-09-28
; NUMBER OF SEQ ID NOS: 95
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 47
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Miscellaneous
US-10-647-426-47
```

```
Query Match 6.0%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 16;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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```
QY 717 GGAGAGTGACTCTGGTCATAGGAC 740
Db 24 GGAGAGTGACTCTGGTCATAGGAC 1
```

```
RESULT 4
US-08-091-941-16/c
; Sequence 16, Application US/08091941
```

```
;
; GENERAL INFORMATION:
; APPLICANT: Tischfield, Jay A.
; TITLE OF INVENTION: Mammalian Phospholipase A2 Nucleotide
; TITLE OF INVENTION: Sequences and Low Molecular Weight Amino Acid Sequences
; TITLE OF INVENTION: Encoded Thereby
; NUMBER OF SEQUENCES: 40
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Ruden, Barnett, McClosky, Smith, Schuster &
; ADDRESSEE: Russell PA
; STREET: 200 East Broward Boulevard
; CITY: Fort Lauderdale
; STATE: FL
; COUNTRY: USA
; ZIP: 33301
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/091,941
; FILING DATE: 15-JUL-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Manso, Peter J.
; REGISTRATION NUMBER: 32,264
; REFERENCE/DOCKET NUMBER: IN21044-3
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 305-527-2498
; TELEFAX: 305-764-4996
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
; US-08-091-941-16

Query Match 5.5%; Score 22; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 26;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 522 ATACTTCCCAACATCCTCTGC 543
Db 22 ATACTTCCCAACATCCTCTGC 1

RESULT 5
US-08-463-958-16/c
; Sequence 16, Application US/08463958
; GENERAL INFORMATION:
; APPLICANT: Tischfield, Jay A.
; TITLE OF INVENTION: Mammalian Phospholipase A2 Nucleotide
; TITLE OF INVENTION: Sequences and Low Molecular Weight Amino Acid Sequences
; TITLE OF INVENTION: Encoded Thereby, Antisense Sequences and Nucleotide
; TITLE OF INVENTION: Sequences Having Internal Ribosome Binding Sites
; NUMBER OF SEQUENCES: 44
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Ruden, Barnett, McClosky, Smith, Schuster &
; ADDRESSEE: Russell PA
; STREET: 200 East Broward Boulevard
; CITY: Fort Lauderdale
; STATE: FL
; COUNTRY: USA
; ZIP: 33301
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
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;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/463,958
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/097,354
; FILING DATE: 26-JUL-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Manso, Peter J.
; REGISTRATION NUMBER: 32,264
; REFERENCE/DOCKET NUMBER: IN21044-5
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 305-527-2498
; TELEFAX: 305-764-4996
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
; US-08-463-958-16

Query Match 5.5%; Score 22; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 26;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 522 ATACTTCCCAACATCCTCTGC 543
Db 22 ATACTTCCCAACATCCTCTGC 1

RESULT 6
US-08-651-405-16/c
; Sequence 16, Application US/08651405
; GENERAL INFORMATION:
; APPLICANT: Tischfield, Jay A.
; TITLE OF INVENTION: Mammalian Phospholipase A2 Nucleotide
; TITLE OF INVENTION: Sequences and Low Molecular Weight Amino Acid Sequences
; TITLE OF INVENTION: Encoded Thereby, Antisense Sequences and Nucleotide
; TITLE OF INVENTION: Sequences Having Internal Ribosome Binding Sites
; NUMBER OF SEQUENCES: 44
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Ruden, Barnett, McClosky, Smith, Schuster &
; ADDRESSEE: Russell PA
; STREET: 200 East Broward Boulevard
; CITY: Fort Lauderdale
; STATE: FL
; COUNTRY: USA
; ZIP: 33301
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/651,405
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/097,354
; FILING DATE: 26-JUL-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Manso, Peter J.
; REGISTRATION NUMBER: 32,264
; REFERENCE/DOCKET NUMBER: IN21044-5
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 305-527-2498
; TELEFAX: 305-764-4996
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
```

TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-651-405-16

Query Match 5.5%; Score 22; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 26;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 522 ATACTTCCCAACATCCTCTGC 543
DB 22 ATACTTCCCAACATCCTCTGC 1

RESULT 7

US-60-507-511-202307/c
Sequence 202307, Application US/60507511

GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: Mounts, William M
TITLE OF INVENTION: NUCLEIC ACID ARRAYS FOR DETECTING GENE EXPRESSION ASSOCIATED WITH
FILE REFERENCE: AM 101081
CURRENT APPLICATION NUMBER: US/60/507,511
CURRENT FILING DATE: 2003-10-02
NUMBER OF SEQ ID NOS: 203623
SOFTWARE: PatentIn version 3.2
SEQ ID NO 202307
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapiens
US-60-507-511-202307

Query Match 5.1%; Score 20.2; DB 1; Length 25;
Best Local Similarity 88.0%; Pred. No. 51;
Matches 22; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 789 TCTGTGCGCAGAGCTCTCTCCAA 813
DB 25 TCTGTGCGCAGAGCTCTCTCCAA 1

RESULT 8

PCT-US02-34654A-48/c
Sequence 48, Application PC/TUS0234654A

GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT)
FILE REFERENCE: RTSP-0427
CURRENT APPLICATION NUMBER: PCT/US02/34654A
CURRENT FILING DATE: 2003-02-28
PRIOR APPLICATION NUMBER: 10/016,149
PRIOR FILING DATE: 2001-11-01
NUMBER OF SEQ ID NOS: 84
SEQ ID NO 48
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
PCT-US02-34654A-48

Query Match 5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 507 CAACCCACAGTACCAATACT 526
DB 20 CAACCCACAGTACCAATACT 1

RESULT 9

PCT-US02-34654A-49/c
Sequence 49, Application PC/TUS0234654A

GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Jacqueline Wyatt
APPLICANT: Isis Pharmaceuticals, Inc.
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT)
FILE REFERENCE: RTSP-0427
CURRENT APPLICATION NUMBER: PCT/US02/34654A
CURRENT FILING DATE: 2003-02-28
PRIOR APPLICATION NUMBER: 10/016,149
PRIOR FILING DATE: 2001-11-01
NUMBER OF SEQ ID NOS: 84
SEQ ID NO 49
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
PCT-US02-34654A-49

Query Match 5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 511 CCACAGTACCAATACTTTCC 530
DB 20 CCACAGTACCAATACTTTCC 1

RESULT 10

PCT-US02-34654A-50/c
Sequence 50, Application PC/TUS0234654A

GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT)
FILE REFERENCE: RTSP-0427
CURRENT APPLICATION NUMBER: PCT/US02/34654A
CURRENT FILING DATE: 2003-02-28
PRIOR APPLICATION NUMBER: 10/016,149
PRIOR FILING DATE: 2001-11-01
NUMBER OF SEQ ID NOS: 84
SEQ ID NO 50
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
PCT-US02-34654A-50

Query Match 5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 570 CCAGACCAAGACTTTTGTTC 589
DB 20 CCAGACCAAGACTTTTGTTC 1

RESULT 11

PCT-US02-34654A-51/c
Sequence 51, Application PC/TUS0234654A

GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Jacqueline Wyatt
APPLICANT: Isis Pharmaceuticals, Inc.

```
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT)
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: RTSP-0427
; CURRENT APPLICATION NUMBER: PCT/US02/34654A
; CURRENT FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: 10/016,149
; PRIOR FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 51
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
PCT-US02-34654A-51

Query Match          5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      586 GTTCTGTTTCTTCTACACAC 605
Db      20 GTTCTGTTTCTTCTACACAC 1

RESULT 12
PCT-US02-34654A-52/c
; Sequence 52, Application PC/TUS0234654A
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Isis Pharmaceuticals, Inc.
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT)
; FILE REFERENCE: RTSP-0427
; CURRENT APPLICATION NUMBER: PCT/US02/34654A
; CURRENT FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: 10/016,149
; PRIOR FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 52
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
PCT-US02-34654A-52

Query Match          5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      594 TTCTTACACACAGACTACT 613
Db      20 TTCTTACACACAGACTACT 1

RESULT 13
PCT-US02-34654A-53/c
; Sequence 53, Application PC/TUS0234654A
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Isis Pharmaceuticals, Inc.
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT)
; FILE REFERENCE: RTSP-0427
; CURRENT APPLICATION NUMBER: PCT/US02/34654A
; CURRENT FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: 10/016,149
; PRIOR FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 53
```

```
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
PCT-US02-34654A-53

Query Match          5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      600 CAACACAGACTACTGACTCT 619
Db      20 CAACACAGACTACTGACTCT 1

RESULT 14
PCT-US02-34654A-54/c
; Sequence 54, Application PC/TUS0234654A
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Isis Pharmaceuticals, Inc.
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT)
; FILE REFERENCE: RTSP-0427
; CURRENT APPLICATION NUMBER: PCT/US02/34654A
; CURRENT FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: 10/016,149
; PRIOR FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 54
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
PCT-US02-34654A-54

Query Match          5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      616 CTCTGCTGTTCTCTGAGAG 635
Db      20 CTCTGCTGTTCTCTGAGAG 1

RESULT 15
PCT-US02-34654A-55/c
; Sequence 55, Application PC/TUS0234654A
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Isis Pharmaceuticals, Inc.
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT)
; FILE REFERENCE: RTSP-0427
; CURRENT APPLICATION NUMBER: PCT/US02/34654A
; CURRENT FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: 10/016,149
; PRIOR FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
PCT-US02-34654A-55

Query Match          5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
```


Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 641 CCTAAGTCACAGACTCGT 660
Db 20 CCTAAGTCACAGACTCGT 1

RESULT 16

PCT-US02-34654A-56/c

; Sequence 56, Application PC/TUS0234654A
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacquesline Wyatt
; APPLICANT: Isis Pharmaceuticals, Inc.
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+--DEPENDENT)
; FILE REFERENCE: RTSP-0427
; CURRENT APPLICATION NUMBER: PCT/US02/34654A
; CURRENT FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: 10/016,149
; PRIOR FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 56
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
PCT-US02-34654A-56

Query Match 5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 656 TCAGTCTTCTCGAAGCTTG 675
Db 20 TCAGTCTTCTCGAAGCTTG 1

RESULT 17

PCT-US02-34654A-57/c

; Sequence 57, Application PC/TUS0234654A
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacquesline Wyatt
; APPLICANT: Isis Pharmaceuticals, Inc.
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+--DEPENDENT)
; FILE REFERENCE: RTSP-0427
; CURRENT APPLICATION NUMBER: PCT/US02/34654A
; CURRENT FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: 10/016,149
; PRIOR FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 57
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
PCT-US02-34654A-57

Query Match 5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 662 TTTCTCGAAGCTTGGCGGAC 681
Db 20 TTTCTCGAAGCTTGGCGGAC 1

RESULT 18

PCT-US02-34654A-58/c

; Sequence 58, Application PC/TUS0234654A
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacquesline Wyatt
; APPLICANT: Isis Pharmaceuticals, Inc.
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+--DEPENDENT)
; FILE REFERENCE: RTSP-0427
; CURRENT APPLICATION NUMBER: PCT/US02/34654A
; CURRENT FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: 10/016,149
; PRIOR FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 58
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
PCT-US02-34654A-58

Query Match 5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 687 GGGCCACACTGTACCTCCA 706
Db 20 GGGCCACACTGTACCTCCA 1

RESULT 19

PCT-US02-34654A-59/c

; Sequence 59, Application PC/TUS0234654A
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacquesline Wyatt
; APPLICANT: Isis Pharmaceuticals, Inc.
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+--DEPENDENT)
; FILE REFERENCE: RTSP-0427
; CURRENT APPLICATION NUMBER: PCT/US02/34654A
; CURRENT FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: 10/016,149
; PRIOR FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 59
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
PCT-US02-34654A-59

Query Match 5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 694 ACTGTACCTCCAGCGAGTC 713
Db 20 ACTGTACCTCCAGCGAGTC 1

RESULT 20

PCT-US02-34654A-60/c

; Sequence 60, Application PC/TUS0234654A
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacquesline Wyatt
; APPLICANT: Isis Pharmaceuticals, Inc.
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+--DEPENDENT)
; FILE REFERENCE: RTSP-0427
; CURRENT APPLICATION NUMBER: PCT/US02/34654A

; CURRENT FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: 10/016,149
; PRIOR FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 60
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
PCT-US02-34654A-60

Query Match 5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 702 CTCGAGGAGTCCGAGGAGA 721
Db 20 CTCGAGGAGTCCGAGGAGA 1

RESULT 21

PCT-US02-34654A-61/c

; Sequence 61, Application PC/TUS0234654A
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Isis Pharmaceuticals, Inc.
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT)
; FILE REFERENCE: RTSP-0427
; CURRENT APPLICATION NUMBER: PCT/US02/34654A
; CURRENT FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: 10/016,149
; PRIOR FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 61
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
PCT-US02-34654A-61

Query Match 5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 703 TCCAGCGAGTCCGAGGAG 722
Db 20 TCCAGCGAGTCCGAGGAG 1

RESULT 22

PCT-US02-34654A-62/c

; Sequence 62, Application PC/TUS0234654A
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Isis Pharmaceuticals, Inc.
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT)
; FILE REFERENCE: RTSP-0427
; CURRENT APPLICATION NUMBER: PCT/US02/34654A
; CURRENT FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: 10/016,149
; PRIOR FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 62
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide
PCT-US02-34654A-62

Query Match 5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 710 AGTCCGAGGAGTCTCT 729
Db 20 AGTCCGAGGAGTCTCT 1

RESULT 23

PCT-US02-34654A-63/c

; Sequence 63, Application PC/TUS0234654A
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Isis Pharmaceuticals, Inc.
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT)
; FILE REFERENCE: RTSP-0427
; CURRENT APPLICATION NUMBER: PCT/US02/34654A
; CURRENT FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: 10/016,149
; PRIOR FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 63
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
PCT-US02-34654A-63

Query Match 5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 728 CTGGTCATAGGACTTGGTAG 747
Db 20 CTGGTCATAGGACTTGGTAG 1

RESULT 24

PCT-US02-34654A-64/c

; Sequence 64, Application PC/TUS0234654A
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Isis Pharmaceuticals, Inc.
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT)
; FILE REFERENCE: RTSP-0427
; CURRENT APPLICATION NUMBER: PCT/US02/34654A
; CURRENT FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: 10/016,149
; PRIOR FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 64
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
PCT-US02-34654A-64

Query Match 5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 731 GTCATAGGACTTGGTAGGT 750
Db 20 GTCATAGGACTTGGTAGGT 1

PCT-US02-34654A-74/c
; Sequence 74, Application PC/TUS0234654A
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Isis Pharmaceuticals, Inc.
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT
; FILE REFERENCE: RTSP-0427
; CURRENT APPLICATION NUMBER: PCT/US02/34654A
; CURRENT FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: 10/016,149
; PRIOR FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 74
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
PCT-US02-34654A-74

Query Match 5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 854 GTCCCTGGCTCCAGTTGGAAAC 873
|||||
DB 20 GTCCCTGGCTCCAGTTGGAAAC 1

RESULT 35
PCT-US02-34654A-75/c
; Sequence 75, Application PC/TUS0234654A
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Isis Pharmaceuticals, Inc.
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT
; FILE REFERENCE: RTSP-0427
; CURRENT APPLICATION NUMBER: PCT/US02/34654A
; CURRENT FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: 10/016,149
; PRIOR FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 75
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
PCT-US02-34654A-75

Query Match 5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 861 CTCACGTTGGAACACTTTCC 880
|||||
DB 20 CTCACGTTGGAACACTTTCC 1

RESULT 36
PCT-US02-34654A-76/c
; Sequence 76, Application PC/TUS0234654A
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Isis Pharmaceuticals, Inc.
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT
; FILE REFERENCE: RTSP-0427

; CURRENT APPLICATION NUMBER: PCT/US02/34654A
; CURRENT FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: 10/016,149
; PRIOR FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 76
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
PCT-US02-34654A-76

Query Match 5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 865 AGTTGGAACACTTTCTCGAG 884
|||||
DB 20 AGTTGGAACACTTTCTCGAG 1

RESULT 37
PCT-US02-34654A-77/c
; Sequence 77, Application PC/TUS0234654A
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Isis Pharmaceuticals, Inc.
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT
; FILE REFERENCE: RTSP-0427
; CURRENT APPLICATION NUMBER: PCT/US02/34654A
; CURRENT FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: 10/016,149
; PRIOR FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 77
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
PCT-US02-34654A-77

Query Match 5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 871 AACACTTTCTCGAGATGCAC 890
|||||
DB 20 AACACTTTCTCGAGATGCAC 1

RESULT 38
PCT-US02-34654A-78/c
; Sequence 78, Application PC/TUS0234654A
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Isis Pharmaceuticals, Inc.
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT
; FILE REFERENCE: RTSP-0427
; CURRENT APPLICATION NUMBER: PCT/US02/34654A
; CURRENT FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: 10/016,149
; PRIOR FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 78
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence

FEATURE:
PCT-US02-34654A-78

Query Match 5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 878 TCTGAGATGCACCTACTTCTC 897

Db 20 TCTGAGATGCACCTACTTCTC 1

RESULT 39

PCT-US02-34654A-79/c

Sequence 79, Application PC/TUS0234654A

GENERAL INFORMATION:

APPLICANT: C. Frank Bennett

APPLICANT: Jacqueline Wyatt

APPLICANT: Isis Pharmaceuticals, Inc.

TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT)

FILE REFERENCE: RTSP-0427

CURRENT APPLICATION NUMBER: PCT/US02/34654A

CURRENT FILING DATE: 2003-02-28

PRIOR APPLICATION NUMBER: 10/016,149

PRIOR FILING DATE: 2001-11-01

NUMBER OF SEQ ID NOS: 84

SEQ ID NO 79

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

PCT-US02-34654A-79

Query Match 5.0%; Score 20; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 42;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 880 CTGAGATGCACCTACTTCTC 899

Db 20 CTGAGATGCACCTACTTCTC 1

RESULT 40

PCT-US02-34654A-80/c

Sequence 80, Application PC/TUS0234654A

GENERAL INFORMATION:

APPLICANT: C. Frank Bennett

APPLICANT: Jacqueline Wyatt

APPLICANT: Isis Pharmaceuticals, Inc.

TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-DEPENDENT)

FILE REFERENCE: RTSP-0427

CURRENT APPLICATION NUMBER: PCT/US02/34654A

CURRENT FILING DATE: 2003-02-28

PRIOR APPLICATION NUMBER: 10/016,149

PRIOR FILING DATE: 2001-11-01

NUMBER OF SEQ ID NOS: 84

SEQ ID NO 80

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

PCT-US02-34654A-80

Query Match 5.0%; Score 20; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 42;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 884 GATGCACCTACTTCTCAGCT 903

Db 20 GATGCACCTACTTCTCAGCT 1

RESULT 41

US-10-016-149-48/c

Sequence 48, Application US/10016149

GENERAL INFORMATION:

APPLICANT: C. Frank Bennett

APPLICANT: Jacqueline Wyatt

TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-

TITLE OF INVENTION: DEPENDENT) EXPRESSION

FILE REFERENCE: RTS-0325

CURRENT APPLICATION NUMBER: US/10/016,149

CURRENT FILING DATE: 2001-11-01

NUMBER OF SEQ ID NOS: 84

SEQ ID NO 48

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-10-016-149-48

Query Match 5.0%; Score 20; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 42;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 507 CAACCCACAGTACCAATACT 526

Db 20 CAACCCACAGTACCAATACT 1

RESULT 42

US-10-016-149-49/c

Sequence 49, Application US/10016149

GENERAL INFORMATION:

APPLICANT: C. Frank Bennett

APPLICANT: Jacqueline Wyatt

TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-

TITLE OF INVENTION: DEPENDENT) EXPRESSION

FILE REFERENCE: RTS-0325

CURRENT APPLICATION NUMBER: US/10/016,149

CURRENT FILING DATE: 2001-11-01

NUMBER OF SEQ ID NOS: 84

SEQ ID NO 49

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-10-016-149-49

Query Match 5.0%; Score 20; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 42;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 511 CCACAGTACCAATACTTTC 530

Db 20 CCACAGTACCAATACTTTC 1

RESULT 43

US-10-016-149-50/c

Sequence 50, Application US/10016149

GENERAL INFORMATION:

APPLICANT: C. Frank Bennett

APPLICANT: Jacqueline Wyatt

TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-

TITLE OF INVENTION: DEPENDENT) EXPRESSION

FILE REFERENCE: RTS-0325

CURRENT APPLICATION NUMBER: US/10/016,149

CURRENT FILING DATE: 2001-11-01

```
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 50
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-50

Query Match          5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 570 CCACCAAGACTTTTGTTC 589
Db 20 CCAGACCAAGACTTTTGTTC 1

RESULT 44
US-10-016-149-51/c
; Sequence 51, Application US/10016149
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 51
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-51

Query Match          5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 586 GTTCTGTTTTCTCAACAC 605
Db 20 GTTCTGTTTTCTCAACAC 1

RESULT 45
US-10-016-149-52/c
; Sequence 52, Application US/10016149
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 52
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-52

Query Match          5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 594 TTTCTACACAGAGTACT 613
Db 20 TTTCTACACAGAGTACT 1

RESULT 46
US-10-016-149-53/c
; Sequence 53, Application US/10016149
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 53
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-53

Query Match          5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 600 CAACACAGAGTACTGACTCT 619
Db 20 CAACACAGAGTACTGACTCT 1

RESULT 47
US-10-016-149-54/c
; Sequence 54, Application US/10016149
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 54
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-54

Query Match          5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 616 CTCTGCTGTTCTCTGAGAG 635
Db 20 CTCTGCTGTTCTCTGAGAG 1

RESULT 48
US-10-016-149-55/c
; Sequence 55, Application US/10016149
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
```

```
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-55

Query Match          5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 641 CCTAAGTCACAGACCTCAGT 660
Db 20 CCTAAGTCACAGACCTCAGT 1

RESULT 49
US-10-016-149-56/c
; Sequence 56, Application US/10016149
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 56
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-56

Query Match          5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 656 TCAGTCTTTCTCGAAGCTTG 675
Db 20 TCAGTCTTTCTCGAAGCTTG 1

RESULT 50
US-10-016-149-57/c
; Sequence 57, Application US/10016149
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 57
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-57

Query Match          5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 662 TTTCGGAAGCTTGGCGGAC 681
Db 20 TTTCGGAAGCTTGGCGGAC 1

RESULT 51
US-10-016-149-58/c
; Sequence 58, Application US/10016149
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 58
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-58

Query Match          5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 687 GGGCCACACTGTACCTCCA 706
Db 20 GGGCCACACTGTACCTCCA 1

RESULT 52
US-10-016-149-59/c
; Sequence 59, Application US/10016149
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 59
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-59

Query Match          5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 694 ACTGTACCTCCAGCGAGTC 713
Db 20 ACTGTACCTCCAGCGAGTC 1

RESULT 53
US-10-016-149-60/c
; Sequence 60, Application US/10016149
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 60
```



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; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-60

Query Match          5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 702 CTCACGAGTCCAGGAGA 721
Db 20 CTCACGAGTCCAGGAGA 1

RESULT 54
US-10-016-149-61/c
; Sequence 61, Application US/10016149
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; TITLE OF INVENTION: DEPENDENT) EXPRESSION
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 61
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-61

Query Match          5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 703 TCACGAGTCCAGGAG 722
Db 20 TCACGAGTCCAGGAG 1

RESULT 55
US-10-016-149-62/c
; Sequence 62, Application US/10016149
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; TITLE OF INVENTION: DEPENDENT) EXPRESSION
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 62
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-62

Query Match          5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 710 AGTCCAGGAGTGACTCT 729
Db 20 AGTCCAGGAGTGACTCT 1

RESULT 56
US-10-016-149-63/c
; Sequence 63, Application US/10016149
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; TITLE OF INVENTION: DEPENDENT) EXPRESSION
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 63
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-63

Query Match          5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 728 CTGGTCATAGGACTTGGTAG 747
Db 20 CTGGTCATAGGACTTGGTAG 1

RESULT 57
US-10-016-149-64/c
; Sequence 64, Application US/10016149
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; TITLE OF INVENTION: DEPENDENT) EXPRESSION
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 64
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-64

Query Match          5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 731 GTCATAGGACTTGGTAGGTT 750
Db 20 GTCATAGGACTTGGTAGGTT 1

RESULT 58
US-10-016-149-65/c
; Sequence 65, Application US/10016149
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; TITLE OF INVENTION: DEPENDENT) EXPRESSION
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 65
; LENGTH: 20
```

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; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-65
Query Match      5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 753 CAGGTCCTTAGGCTCCAC 772
| | | | | | | | | | | | | | | |
Db 20 CAGGTCCTTAGGCTCCAC 1

RESULT 59
US-10-016-149-66/c
; Sequence 66, Application US/10016149
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; TITLE OF INVENTION: DEPENDENT) EXPRESSION
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 66
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-66
Query Match      5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 786 CCCTCTGGTGCCCAAGAGCTC 805
| | | | | | | | | | | | | | | |
Db 20 CCCTCTGGTGCCCAAGAGCTC 1

RESULT 62
US-10-016-149-69/c
; Sequence 69, Application US/10016149
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; TITLE OF INVENTION: DEPENDENT) EXPRESSION
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 69
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-69
Query Match      5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 792 GGTGCCAAGAGCTCTCCTCC 811
| | | | | | | | | | | | | | | |
Db 20 GGTGCCAAGAGCTCTCCTCC 1

RESULT 63
US-10-016-149-70/c
; Sequence 70, Application US/10016149
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; TITLE OF INVENTION: DEPENDENT) EXPRESSION
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 70
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-67
Query Match      5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 753 CAGGTCCTTAGGCTCCAC 772
| | | | | | | | | | | | | | | |
Db 20 CAGGTCCTTAGGCTCCAC 1

RESULT 60
US-10-016-149-67/c
; Sequence 67, Application US/10016149
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; TITLE OF INVENTION: DEPENDENT) EXPRESSION
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 67
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-67
Query Match      5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 758 TCCCTAGGCTCCACTTCTG 777
| | | | | | | | | | | | | | | |
Db 20 TCCCTAGGCTCCACTTCTG 1
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RESULT 66

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; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-75

Query Match          5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 861 CTCAGTTGGAACACTTTC 880
Db 20 CTCAGTTGGAACACTTTC 1

RESULT 69
US-10-016-149-76/c
; Sequence 76, Application US/10016149
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 76
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-76

Query Match          5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 878 TCCTGAGTGCACCTTCTTC 897
Db 20 TCCTGAGTGCACCTTCTTC 1

RESULT 72
US-10-016-149-79/c
; Sequence 79, Application US/10016149
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 79
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-79

Query Match          5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 880 CTCAGATGCACCTTCTTC 899
Db 20 CTCAGATGCACCTTCTTC 1

RESULT 73
US-10-016-149-80/c
; Sequence 80, Application US/10016149
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 80
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
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; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-75

Query Match          5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 861 CTCAGTTGGAACACTTTC 880
Db 20 CTCAGTTGGAACACTTTC 1

RESULT 69
US-10-016-149-76/c
; Sequence 76, Application US/10016149
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 76
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-76

Query Match          5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 865 AGTTGGAACACTTCTCTGAG 884
Db 20 AGTTGGAACACTTCTCTGAG 1

RESULT 70
US-10-016-149-77/c
; Sequence 77, Application US/10016149
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 77
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-77

Query Match          5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 871 AACACTTCTCTGAGTGCAC 890
Db 20 AACACTTCTCTGAGTGCAC 1

RESULT 71
US-10-016-149-78/c
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; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-80

Query Match          5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 884 GATGCACCTACTCTCAGCT 903
Db 20 GATGCACCTACTCTCAGCT 1

RESULT 74
US-10-303-778-7878/c
; Sequence 7878, Application US/10303778
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATICAALLY DETECTABLE GROUP OF NOVEL VIRAL
; FILE REFERENCE: 47416
; CURRENT APPLICATION NUMBER: US/10/303,778
; CURRENT FILING DATE: 2002-11-26
; NUMBER OF SEQ ID NOS: 17608
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 7878
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-303-778-7878

Query Match          5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 673 TTGGCGGACCCCGAGGCCA 692
Db 20 TTGGCGGACCCCGAGGCCA 1

RESULT 75
US-09-660-222-113924
; Sequence 113924, Application US/09660222
; GENERAL INFORMATION:
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis of Human
; FILE REFERENCE: 3102.1
; CURRENT APPLICATION NUMBER: US/09/660,222
; CURRENT FILING DATE: 2000-09-12
; PRIOR APPLICATION NUMBER: 60/164,973
; NUMBER OF SEQ ID NOS: 140981
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 113924
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo Sapiens
; DATABASE ACCESSION NUMBER: GenBank X14675
US-09-660-222-113924

Query Match          5.0%; Score 19.8; DB 1; Length 25;
Best Local Similarity 91.3%; Pred. No. 57;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 828 TGCTCTCTTTCTCTCTGAGAC 850
Db 1 TGCTCTCTCTCTCTCTGAGAC 23

RESULT 76
US-09-660-222-113934
; Sequence 113934, Application US/09660222
```

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; GENERAL INFORMATION:
; APPLICANT: Mittmann et al.
; TITLE OF INVENTION: Methods of Genetic Analysis of Human
; FILE REFERENCE: 3102.1
; CURRENT APPLICATION NUMBER: US/09/660,222
; CURRENT FILING DATE: 2000-09-12
; PRIOR APPLICATION NUMBER: 60/164,973
; NUMBER OF SEQ ID NOS: 140981
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 113934
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo Sapiens
; DATABASE ACCESSION NUMBER: GenBank X14675
US-09-660-222-113934

Query Match          5.0%; Score 19.8; DB 1; Length 25;
Best Local Similarity 91.3%; Pred. No. 57;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 827 GTGTCTCTTTCTCTCTGAGA 849
Db 3 GTGTCTCTCTCTCTCTGAGA 25

RESULT 77
US-09-953-115-25460
; Sequence 25460, Application US/09953115
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Human
; FILE REFERENCE: 3111.1
; CURRENT APPLICATION NUMBER: US/09/953,115
; CURRENT FILING DATE: 2001-09-13
; PRIOR APPLICATION NUMBER: 60/232,597
; NUMBER OF SEQ ID NOS: 33029
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 25460
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-09-953-115-25460

Query Match          5.0%; Score 19.8; DB 1; Length 25;
Best Local Similarity 91.3%; Pred. No. 57;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 828 TGCTCTTTCTCTCTGAGAC 850
Db 1 TGCTCTCTCTCTCTGAGAC 23

RESULT 78
US-10-719-956-50928/c
; Sequence 50928, Application US/10719956
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527.1
; CURRENT APPLICATION NUMBER: US/10/719,956
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,836
; PRIOR FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 50928
; LENGTH: 25
; TYPE: DNA
```

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; ORGANISM: Rattus norvegicus
US-10-719-956-50928
Query Match
Best Local Similarity 5.0%; Score 19.8; DB 1; Length 25;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 705 CAGCGAGTCCAGGAGAGTGACT 727
|||||
Db 24 CAGTGATTCACGAGAGTGACT 2

RESULT 79
US-60-427-836-50928/c
; Sequence 50928, Application US/60427836
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527
; CURRENT APPLICATION NUMBER: US/60/427,836
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 50928
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-60-427-836-50928

Query Match
Best Local Similarity 5.0%; Score 19.8; DB 1; Length 25;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 705 CAGCGAGTCCAGGAGAGTGACT 727
|||||
Db 24 CAGTGATTCACGAGAGTGACT 2

RESULT 80
US-09-953-115-25566/c
; Sequence 25566, Application US/09953115
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Human
; FILE REFERENCE: 3111.1
; CURRENT APPLICATION NUMBER: US/09/953,115
; CURRENT FILING DATE: 2001-09-13
; PRIOR FILING DATE: 2001-09-13
; NUMBER OF SEQ ID NOS: 33029
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 25566
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-09-953-115-25566

Query Match
Best Local Similarity 4.8%; Score 19.2; DB 1; Length 25;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 635 GAGGCTCCTAAGTCACAGACTCA 658
|||||
Db 25 GAGGCATTAAGTCACAGACTCA 2

RESULT 81
US-10-719-900-347566/c
; Sequence 347566, Application US/10719900
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528.1
; CURRENT APPLICATION NUMBER: US/10/719,900
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,808
; PRIOR FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 347566
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-719-900-347566

Query Match
Best Local Similarity 4.8%; Score 19.2; DB 1; Length 25;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 612 CTGACTCTGCTGCTGCTCTCTGAGAG 635
|||||
Db 24 CTGCTCTGCTGCTGCTCTCTGAGG 1

RESULT 82
US-60-427-808-347566/c
; Sequence 347566, Application US/60427808
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528
; CURRENT APPLICATION NUMBER: US/60/427,808
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 347566
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-60-427-808-347566

Query Match
Best Local Similarity 4.8%; Score 19.2; DB 1; Length 25;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 612 CTGACTCTGCTGCTGCTCTCTGAGAG 635
|||||
Db 24 CTGCTCTGCTGCTGCTCTCTGAGG 1

RESULT 83
US-09-953-115-25461
; Sequence 25461, Application US/09953115
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Human
; FILE REFERENCE: 3111.1
; CURRENT APPLICATION NUMBER: US/09/953,115
; CURRENT FILING DATE: 2001-09-13
; PRIOR FILING DATE: 2001-09-13
; NUMBER OF SEQ ID NOS: 33029
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 25461
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-09-953-115-25461

Query Match
Best Local Similarity 4.7%; Score 18.8; DB 1; Length 25;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 827 GGTCTCTCTTTCTCTCTGAG 848
```



```

; FILE REFERENCE: 3121
; CURRENT APPLICATION NUMBER: US/10/355,577
; CURRENT FILING DATE: 2003-01-31
; NUMBER OF SEQ ID NOS: 997516
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 225418
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-355-577-225418

```

```
Query Match          4.7%; Score 18.6; DB 1; Length 25;
Best Local Similarity 84.0%; Pred. No. 81;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

Qy 522 ATACTTTCCTCCCAACATCCTCTGCTCC 546
|||||

D_b 1 ATAGTTTCCGAATATCCTCTGGTCC 25
|||||

```

RESULT 90
US-10-355-577-818910/c
; Sequence 818910, Application US/10355577
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-UI33
; FILE REFERENCE: 3121
; CURRENT APPLICATION NUMBER: US/10/355,577
; CURRENT FILING DATE: 2003-01-31
; NUMBER OF SEQ ID NOS: 997516
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 818910
; LENGTH: 25

```

```
Query Match      4.7%; Score 18.6; DB 1; Length 25;
Best Local Similarity 84.0%; Pred. No. 81;
Matches 21: Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

Qy 591 GTTTTCTACAAACACAGAGTACTGA 615
|||
Db 25 GTCCCTTCTACGACACAGAGTACGGA 1

```

RESULT 91
US-10-719-956-416268/c
; Sequence 416268, Application US/10719956
; GENERAL INFORMATION:
; APPLICANT: xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527.1
; CURRENT APPLICATION NUMBER: US/10/719,956
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,836
; PRIOR FILING DATE: 2002.11.20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 416268

```

Query Match 4.7%; Score 18.6; DB 1; Length 25;
 Best Local Similarity 84.0%; Pred. No. 81;
 Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY
605 CAGAGTACTGACTCTGCCTGGTTCC 629

D8
25 CAGACTACTGCCCTGGCCTGGTTCC 1

```

RESULT 92
US-60-234-017-31264/c
; Sequence 31264, Application US/60234017
; GENERAL INFORMATION:
; APPLICANT: Mittmann, M
; APPLICANT: Afymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus
; TITLE OF INVENTION: musculus
; FILE REFERENCE: 3115
; CURRENT APPLICATION NUMBER: US/60/234,017
; CURRENT FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 31264
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank AV336781
US-60-234-017-31264

```

Query Match	4.7%	Score 18.6;	DB 1;	Length 25;
Best Local Similarity	84.0%;			
Pred. No. 81;				
Matches 21;	Conservative	0;	Mismatches	4;
Indels				
Gaps				

QY 570 CCAGACCAAGACTTTTGTCTGTTT 594
|||
pb 25 CCAGACGAAGACATTTTGTGTTT 1

```

RESULT 93
US-60-234-017-310868/c
; Sequence 310868, Application US/60234017
; GENERAL INFORMATION:
; APPLICANT: Mittmann, M
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus
; TITLE OF INVENTION: musculus
; FILE REFERENCE: 3115
; CURRENT APPLICATION NUMBER: US/60/234,017
; CURRENT FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 310868
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank AW060734
US-60-234-017-310868

```

Query Match	4.7%;	Score 18.6;	DB 1;	Length 25;
Best Local Similarity	84.0%;	Pred. No. 81;		
Matches 21;	Conservative	0;	Mismatches 4;	Indels 0;
				Gaps 0;

Qy 721 AGTGACTCTGGTCATAGGACTTGGT 745
||| ||| ||| ||| ||| ||| |||
pB 25 AGTCACCTCAGTCATTGGACTTGAT 1

```

RESULT 94
US-60-353-987-225417
; Sequence 225417, Application US/60353987
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-UI133
; FILE REFERENCE: 3121
; CURRENT APPLICATION NUMBER: US/60/353,987
; CURRENT FILING DATE: 2002-02-01
; NUMBER OF SEQ ID NOS: 997516
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 225417

```



```
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 705 CAGCGAGTCCAGGAGGAGTACT 727
Db 24 CAGTGTTCCTGGAGAGTACT 2
RESULT 105
US-60-234-017-294607/c
; Sequence 294607, Application US/60234017
; GENERAL INFORMATION:
; APPLICANT: Mittmann, M
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus
; FILE REFERENCE: 3115
; CURRENT APPLICATION NUMBER: US/60/234,017
; CURRENT FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 294607
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank AI850133
US-60-234-017-294607
Query Match 4.6%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 91;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 621 CCTGCTCTCTGAGAGGCTCCT 643
Db 24 CCTGCTCTCTGAGAGGCTCCT 2
RESULT 106
US-60-234-017-318021
; Sequence 318021, Application US/60234017
; GENERAL INFORMATION:
; APPLICANT: Mittmann, M
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus
; FILE REFERENCE: 3115
; CURRENT APPLICATION NUMBER: US/60/234,017
; CURRENT FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 318021
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank AW123379
US-60-234-017-318021
Query Match 4.6%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 91;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 659 GTCCTTCGAGAGCTTGGCGGAC 681
Db 3 GTCCTTCGAGAGCTTGGCGGAC 25
RESULT 107
US-60-234-017-318021
; Sequence 318021, Application US/60234017
; GENERAL INFORMATION:
; APPLICANT: Mittmann, M
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus
```

```
; FILE REFERENCE: 3528
; CURRENT APPLICATION NUMBER: US/60/427,808
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 104043
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-60-427-808-104043
Query Match 4.6%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 91;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 604 ACAGGTACTGACTCTGCTGCT 626
Db 1 ACAGGTACTGACTCTGCTGCT 23
RESULT 108
US-60-427-808-104044
; Sequence 104044, Application US/60427808
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528
; CURRENT APPLICATION NUMBER: US/60/427,808
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 104044
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-60-427-808-104044
Query Match 4.6%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 91;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 604 ACAGGTACTGACTCTGCTGCT 626
Db 1 ACAGGTACTGACTCTGCTGCT 23
RESULT 109
US-60-427-808-279275
; Sequence 279275, Application US/60427808
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528
; CURRENT APPLICATION NUMBER: US/60/427,808
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 279275
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-60-427-808-279275
Query Match 4.6%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 91;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 862 TCCAGTTGGACACTTTCCTGAG 884
Db 3 TCCAGTTGGACACTTTCCTGAG 25
RESULT 110
US-60-427-808-279275
; Sequence 279275, Application US/60427808
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
```

```

; FILE REFERENCE: 3101.1
; CURRENT APPLICATION NUMBER: US/09/396.196F

```

; CURRENT FILING DATE: 2001-09-15
; PRIOR APPLICATION NUMBER: 60/100,678
; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 72709
; LENGTH: 25
; TYPE: DNA
; ORGANISM: mus musculus
US-09-396-196G-72709

Query Match 4.5%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 1e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 665 CTCGAGCTTGGCGGACCC 685
DB 2 CTCATGCTTGGCGGACCC 22

RESULT 116
US-09-396-196G-72709
; Sequence 72709, Application US/09396196G
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: David Lockhart
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis
; FILE REFERENCE: 3101.1
; CURRENT APPLICATION NUMBER: US/09/396,196G
; CURRENT FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: 60/100,678
; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 72709
; LENGTH: 25
; TYPE: DNA
; ORGANISM: mus musculus
US-09-396-196G-72709

Query Match 4.5%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 1e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 665 CTCGAGCTTGGCGGACCC 685
DB 2 CTCATGCTTGGCGGACCC 22

RESULT 117
US-09-954-427A-355918
; Sequence 355918, Application US/09954427A
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; TITLE OF INVENTION: Methods of Genetic Analysis of the Rat Genome
; FILE REFERENCE: 3112.1
; CURRENT APPLICATION NUMBER: US/09/954,427A
; CURRENT FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: 60/233,166
; PRIOR FILING DATE: 2000-09-18
; NUMBER OF SEQ ID NOS: 420907
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 355918
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus Norvegicus
US-09-954-427A-355918

Query Match 4.5%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 1e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 784 GCCCTCTGGTCCACAGCT 804
DB 3 GCCCTCTGGTCCACAGCT 23

RESULT 118
US-09-956-584-175754/c
; Sequence 175754, Application US/09956584
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus Musculus
; FILE REFERENCE: 3115.1
; CURRENT APPLICATION NUMBER: US/09/956,584
; CURRENT FILING DATE: 2001-09-19
; PRIOR APPLICATION NUMBER: 60/234,017
; PRIOR FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 175754
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-956-584-175754

Query Match 4.5%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 1e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 632 AGAGAGCTCTTAAGTCACAG 652
DB 21 AGAGAGCTCTTAAGTCACAG 1

RESULT 119
US-09-956-584-183457
; Sequence 183457, Application US/09956584
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus Musculus
; FILE REFERENCE: 3115.1
; CURRENT APPLICATION NUMBER: US/09/956,584
; CURRENT FILING DATE: 2001-09-19
; PRIOR APPLICATION NUMBER: 60/234,017
; PRIOR FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 183457
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-956-584-183457

Query Match 4.5%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 1e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 574 ACCAGACTTTGTTCTGTT 594
DB 5 ACCAGACTTTGTTCTGTT 25

RESULT 120
US-09-956-584-298823
; Sequence 298823, Application US/09956584
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus Musculus
; FILE REFERENCE: 3115.1
; CURRENT APPLICATION NUMBER: US/09/956,584
; CURRENT FILING DATE: 2001-09-19
; PRIOR APPLICATION NUMBER: 60/234,017
; PRIOR FILING DATE: 2000-09-20

```
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 298823
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-956-584-298823

Query Match          4.5%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 1e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 587 TTCTGTTTTCTCAACACAG 607
      |||||
Db 1 TTCTGTTTTCTCAACACAG 21

RESULT 121
US-09-956-584-307865
; Sequence 307865, Application US/09956584
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus Musculus
; FILE REFERENCE: 3115.1
; CURRENT APPLICATION NUMBER: US/09/956,584
; PRIOR FILING DATE: 2001-09-19
; PRIOR APPLICATION NUMBER: 60/234,017
; PRIOR FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 307865
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-956-584-307865

Query Match          4.5%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 1e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 832 TCCTTTCTCTCTGAACACAG 852
      |||||
Db 2 TATTTTCATCTCTGAACACAG 22

RESULT 122
US-10-719-956-81522/c
; Sequence 81522, Application US/10719956
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527.1
; CURRENT APPLICATION NUMBER: US/10/719,956
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,836
; PRIOR FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 81522
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-10-719-956-81522

Query Match          4.5%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 1e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 795 GCCAAGACTCTCTCCAACT 815
      |||||
Db 23 GCCAAGACTCTCTCCAAAT 3

; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 60234017
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-60-234-017-146401

Query Match          4.5%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 1e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 574 ACCAAGACTCTTGTCTGTTT 594
      |||||
Db 5 ACCAAGACTCTTGTCTGTTT 25

RESULT 123
US-60-234-017-146401
; Sequence 146401, Application US/60234017
; GENERAL INFORMATION:
; APPLICANT: Mittmann, M
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus
; FILE REFERENCE: 3115
; CURRENT APPLICATION NUMBER: US/60/234,017
; CURRENT FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 146401
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank AF841920
US-60-234-017-146401

Query Match          4.5%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 1e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 574 ACCAAGACTCTTGTCTGTTT 594
      |||||
Db 5 ACCAAGACTCTTGTCTGTTT 25

RESULT 124
US-60-234-017-189436/c
; Sequence 189436, Application US/60234017
; GENERAL INFORMATION:
; APPLICANT: Mittmann, M
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus
; FILE REFERENCE: 3115
; CURRENT APPLICATION NUMBER: US/60/234,017
; CURRENT FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 189436
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank U96634
US-60-234-017-189436

Query Match          4.5%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 1e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 632 AGAGAGGCTCTTAAGTCACAG 652
      |||||
Db 1 AGAGAGACTCTTAGTCACAG 1

RESULT 125
US-60-234-017-315041
; Sequence 315041, Application US/60234017
; GENERAL INFORMATION:
; APPLICANT: Mittmann, M
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus
; FILE REFERENCE: 3115
; CURRENT APPLICATION NUMBER: US/60/234,017
; CURRENT FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: FastSEQ for Windows Version 4.0
```

```
; SEQ ID NO 315041
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank AW122062
US-60-234-017-315041

Query Match
Best Local Similarity 4.5%; Score 17.8; DB 1; Length 25;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 832 TCTTTCTCTCTCGAAGACAG 852
Db 2 TATTTCATCTCTGAAGACAG 22

RESULT 126
US-60-234-017-321630
; Sequence 321630, Application US/60234017
; GENERAL INFORMATION:
; APPLICANT: Mittmann, M
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus
; FILE REFERENCE: 3115
; CURRENT APPLICATION NUMBER: US/60/234,017
; CURRENT FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 321630
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank AW125393
US-60-234-017-321630

Query Match
Best Local Similarity 4.5%; Score 17.8; DB 1; Length 25;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 587 TTCTGTTTTTCTCAACACAG 607
Db 1 TTCTGTTTTTCTCCAGCGAG 21

RESULT 127
US-60-427-836-81522/c
; Sequence 81522, Application US/60427836
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527
; CURRENT APPLICATION NUMBER: US/60/427,836
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 69466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 81522
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-60-427-836-81522

Query Match
Best Local Similarity 4.5%; Score 17.8; DB 1; Length 25;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 795 GCCAAGAGCTCTCTCCAACT 815
Db 23 GCCAAGAGCACTCTCCAAAT 3

RESULT 128
US-09-292-779B-61
; Sequence 61, Application US/09292779B
; GENERAL INFORMATION:
; APPLICANT: Trias, Joaquim
; APPLICANT: Young, Dennis
; APPLICANT: Rosenow, Carsten
; TITLE OF INVENTION: REGULATED TARGET EXPRESSION FOR
; FILE REFERENCE: 34231200800
; CURRENT APPLICATION NUMBER: US/09/292,779B
; CURRENT FILING DATE: 1999-04-13
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 61
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide PCR Primer
US-09-292-779B-61

Query Match
Best Local Similarity 4.4%; Score 17.6; DB 1; Length 24;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 519 CCAATACCTTCCCAACATCTCTG 542
Db 1 CAACACATTCGAGCATCTCTG 24

RESULT 129
US-60-117-955-13
; Sequence 13, Application US/60117955
; GENERAL INFORMATION:
; APPLICANT: Rosenow, Carsten
; APPLICANT: Trias, Joaquim
; TITLE OF INVENTION: STREPTOCOCCUS PNEUMONIAE REGULATORY SYSTEM AND REPORTER
; FILE REFERENCE: 342313001021
; CURRENT APPLICATION NUMBER: US/60/117,955
; CURRENT FILING DATE: 1999-01-29
; EARLIER APPLICATION NUMBER: Unassigned
; EARLIER FILING DATE: 1998-10-23
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 13
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Streptococcus pneumoniae
US-60-117-955-13

Query Match
Best Local Similarity 4.4%; Score 17.6; DB 1; Length 24;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 519 CCAATACCTTCCCAACATCTCTG 542
Db 1 CAACACATTCGAGCATCTCTG 24

RESULT 130
US-09-660-222-113916
; Sequence 113916, Application US/09660222
; GENERAL INFORMATION:
; APPLICANT: Mittmann et al.
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis of Human
; FILE REFERENCE: 3102.1
; CURRENT APPLICATION NUMBER: US/09/660,222
; CURRENT FILING DATE: 2000-09-12
; PRIOR APPLICATION NUMBER: 60/164,973
; PRIOR FILING DATE: 1999-11-11
```

```

; NUMBER OF SEQ ID NOS: 140981
; SOFTWARE: PastSeq for Windows Version 4.0
; SEQ ID NO 113916
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo Sapiens
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank X14675
US-09-660-222-113916

```

```
Query Match      4.4%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.1e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

Qy 831 CTCTTTCTTCTCTGAAGACAGCG 854
|||
Db 1 CTCTTCTTCTCTCAGAAGACCTCG 24

```

RESULT 131
US-09-953-115-25459
; Sequence 25459, Application US/09953115
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis
; TITLE OF INVENTION: Genes
; FILE REFERENCE: 3111.1
; CURRENT APPLICATION NUMBER: US/09/953,115
; CURRENT FILING DATE: 2001-09-13
; PRIOR APPLICATION NUMBER: 60/232,597
; PRIOR FILING DATE: 2000-09-14
; NUMBER OF SEQ ID NOS: 33029
; SOFTWARE: Fast-SEQ for Windows Version 4.0
; SEQ ID NO 25459
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-09-953-115-25459

```

Query Match 4.4%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.1e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 831 CTCTTTTCTCTCTGAAGACAGCG 854
|||
db 1 CTCTTCTCTCTCAGAAGACTCG 24

```

RESULT 132
US-09-953-570A-65549
; Sequence 65549, Application US/09953570A
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Yeast
; FILE REFERENCE: 3110.1
; CURRENT APPLICATION NUMBER: US/09/953,570A
; CURRENT FILING DATE: 2001-09-13
; PRIOR APPLICATION NUMBER: 60/232,638
; PRIOR FILING DATE: 2000-09-14
; NUMBER OF SEQ ID NOS: 138410
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 65549
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Saccharomyces cerevisiae
US-09-953-570A-65549

```

Query Match	4.4%;	Score	17.6;	DB 1;	Length	25;	
Best Local Similarity	83.3%;	Pred. No.	1.1e+02;				
Matches	20;	Conservative	0;	Mismatches	4;	Indels	0;

QY 562 AGCTCCTCCAGACCAAGACTTT 585

db 1 ATCTCTACCGAGCAAGACTTTT 24

```

RESULT 133
US-09-954-427A-111839
; Sequence 111839, Application US/09954427A
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; TITLE OF INVENTION: Methods of Genetic Analysis of the Rat Genome
; FILE REFERENCE: 3112.1
; CURRENT APPLICATION NUMBER: US/09/954,427A
; CURRENT FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: 60/233,166
; PRIOR FILING DATE: 2000-09-18
; NUMBER OF SEQ ID NOS: 420907
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 111839
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus Norvegicus
US-09-954-427A-111839

```

```
Query Match      4.4%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.1e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

Qy	719	AGAGTGACTCTGGTCATAGGACTT	742
Db	2	AGAGATCCTCTGGTCATAGAACTT	25

```

RESULT v134
US-09-954-427A-258951
; Sequence 258951, Application US/09954427A
; GENERAL INFORMATION:
; APPLICANT: Michael Mitmann
; TITLE OF INVENTION: Methods of Genetic Analysis of the Rat Genome
; FILE REFERENCE: 3112.1
; CURRENT APPLICATION NUMBER: US/09/954,427A
; CURRENT FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: 60/233,166
; PRIOR FILING DATE: 2000-09-18
; NUMBER OF SEQ ID NOS: 420907
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 258951
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus Norvegicus
; US-09-954-427A-258951

```

```
Query Match      4.4%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.1e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

Qy 782 CAGCCCCCTCTGGTGCCCAAGAGCTC 805
||| ||| ||| ||| ||| ||| |||
Db 1 CAGGCCCTCCAGTGC CATGAGCTC 24

```

RESULT 135
US-09-954-445A-33353
; Sequence 33353, Application US/09954445A
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Arabidopsis Thaliana
; FILE REFERENCE: 3116.1
; CURRENT APPLICATION NUMBER: US/09/954,445A
; CURRENT FILING DATE: 2000-09-17
; PRIOR APPLICATION NUMBER: 60/233,620
; PRIOR FILING DATE: 2000-09-18
; NUMBER OF SEQ ID NOS: 131820
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 33353

```



```
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Arabidopsis thaliana
US-09-954-445A-33353

Query Match
Best Local Similarity 4.4%; Score 17.6; DB 1; Length 25;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 629 CTGAGAGAGGCTCTAAGTCACAG 652
Db 2 CTGAAAGAGGCTCTTAATCAG 25

RESULT 136
US-09-956-584-4184/c
; Sequence 4184, Application US/09956584
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus Musculus
; FILE REFERENCE: 3115.1
; CURRENT APPLICATION NUMBER: US/09/956,584
; CURRENT FILING DATE: 2001-09-19
; PRIOR APPLICATION NUMBER: 60/234,017
; PRIOR FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 4184
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-956-584-4184

Query Match
Best Local Similarity 4.4%; Score 17.6; DB 1; Length 25;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 571 CAGACCAAGACTTTTCTGTTT 594
Db 25 CAGACGAAGACATTTTGTGTTT 2

RESULT 137
US-09-956-584-4190/c
; Sequence 4190, Application US/09956584
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus Musculus
; FILE REFERENCE: 3115.1
; CURRENT APPLICATION NUMBER: US/09/956,584
; CURRENT FILING DATE: 2001-09-19
; PRIOR APPLICATION NUMBER: 60/234,017
; PRIOR FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 4190
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-956-584-4190

Query Match
Best Local Similarity 4.4%; Score 17.6; DB 1; Length 25;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 570 CCAGACCAAGACTTTTCTGTTT 593
Db 24 CCAGACGAAGACATTTTGTGTTT 1

RESULT 138
US-09-956-584-208835
; Sequence 208835, Application US/09956584
```

```
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus Musculus
; FILE REFERENCE: 3115.1
; CURRENT APPLICATION NUMBER: US/09/956,584
; CURRENT FILING DATE: 2001-09-19
; PRIOR APPLICATION NUMBER: 60/234,017
; PRIOR FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 208835
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-956-584-208835

Query Match
Best Local Similarity 4.4%; Score 17.6; DB 1; Length 25;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 831 CTCCTTTCTCTCTGAAGACACG 854
Db 2 CTCCTTTCTCTCTAAGACAGCG 25

RESULT 139
US-10-098-263B-24812
; Sequence 24812, Application US/10098263B
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 24812
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-24812

Query Match
Best Local Similarity 4.4%; Score 17.6; DB 1; Length 25;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 829 GTCCTTTCTCTCTGAAGACAG 852
Db 2 GTCCTATTCTCTCTGAAGACCG 25

RESULT 140
US-10-098-263B-83917
; Sequence 83917, Application US/10098263B
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 83917
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-83917

Query Match
Best Local Similarity 4.4%; Score 17.6; DB 1; Length 25;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 829 GTCCTTTCTCTCTGAAGACAG 852
Db 2 GTCCTATTCTCTCTGAAGACCG 25
```

```
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-355-577-51223
Query Match 4.4%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.1e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 831 CTCTTTCTTCTCTGAAGACGCG 854
Db 1 CTCTTCTCTCTCAGAGACCTCG 24

RESULT 141
US-10-355-577-51223
; Sequence 51223, Application US/10355577
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-UI133
; FILE REFERENCE: 3121
; CURRENT APPLICATION NUMBER: US/10/355,577
; CURRENT FILING DATE: 2003-01-31
; NUMBER OF SEQ ID NOS: 997516
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 51223
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-355-577-51223
Query Match 4.4%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.1e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 725 ACTCTGTCATAGACTTGTTAGG 748
Db 2 AGTCAGGTCAGAGGAATTGTTAGG 25

RESULT 142
US-10-355-577-617217/c
; Sequence 617217, Application US/10355577
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-UI133
; FILE REFERENCE: 3121
; CURRENT APPLICATION NUMBER: US/10/355,577
; CURRENT FILING DATE: 2003-01-31
; NUMBER OF SEQ ID NOS: 997516
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 617217
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-355-577-617217
Query Match 4.4%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.1e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 668 GAGCTTGGCGACCCCGAGGCC 691
Db 24 GAACCTTCTCCGACCCCGAGGCC 1

RESULT 143
US-10-355-577-793156
; Sequence 793156, Application US/10355577
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-UI133
; FILE REFERENCE: 3121
; CURRENT APPLICATION NUMBER: US/10/355,577
; CURRENT FILING DATE: 2003-01-31
; NUMBER OF SEQ ID NOS: 997516
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 793156
; LENGTH: 25
```

```
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-355-577-793156
Query Match 4.4%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.1e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 512 CACAGTACCAATCTTCCCAACA 535
Db 2 CACAGTACCAATCTTTCACACA 25

RESULT 144
US-10-719-900-347567/c
; Sequence 347567, Application US/10719900
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528.1
; CURRENT APPLICATION NUMBER: US/10/719,900
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,808
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 347567
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-719-900-347567
Query Match 4.4%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.1e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 612 CTGACTCTGCTGTTCTCTGAGAG 635
Db 24 CTGCTCTGCCAGGATCTCTGAGG 1

RESULT 145
US-10-719-900-746526
; Sequence 746526, Application US/10719900
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528.1
; CURRENT APPLICATION NUMBER: US/10/719,900
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,808
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 746526
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-719-900-746526
Query Match 4.4%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.1e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 513 ACAGTACCAATCTTCCCAACAT 536
Db 2 AAGTACCAAGTACTACTCCCAACAT 25

RESULT 146
US-10-719-956-136754
; Sequence 136754, Application US/10719956
; GENERAL INFORMATION:
```

```
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527.1
; CURRENT APPLICATION NUMBER: US/10/719,956
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,836
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 136754
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-10-719-956-136754

Query Match      4.4%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.1e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 824 GCTGTGTCCTCTTCTCTCTGAA 847
Db 2 GCTGTGTCCTATTTCTCTGTGAA 25

RESULT 147
US-10-719-956-178211
; Sequence 178211, Application US/10719956
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527.1
; CURRENT APPLICATION NUMBER: US/10/719,956
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,836
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 178211
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-10-719-956-178211

Query Match      4.4%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.1e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 617 TCTGCTGCTCTCTCTGAGAGGCT 640
Db 2 TCACCCGGGTCCTGAGAGATGCT 25

RESULT 148
US-10-719-956-313821/c
; Sequence 313821, Application US/10719956
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527.1
; CURRENT APPLICATION NUMBER: US/10/719,956
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,836
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 313821
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-10-719-956-313821

Query Match      4.4%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.1e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 617 TCTGCTGCTCTCTCTGAGAGGCT 640
Db 2 TCACCCGGGTCCTGAGAGATGCT 25

Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 644 AAGTCACAGACCTCAGTCTTCTC 667
Db 24 AACTCACAGAACTCAGCCTTTGTC 1

Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

RESULT 149
US-60-233-620-33353
; Sequence 33353, Application US/60233620
; GENERAL INFORMATION:
; APPLICANT: Mittmann
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis of
; TITLE OF INVENTION: Arabidopsis thaliana
; FILE REFERENCE: 3116
; CURRENT APPLICATION NUMBER: US/60/233,620
; CURRENT FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 131820
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 33353
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Arabidopsis thaliana
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank AF007270
US-60-233-620-33353

Query Match      4.4%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.1e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 629 CTGAGAGAGGCTCTTAAGTCACAG 652
Db 2 CTGAAGAGGCTGTTAAATCAG 25

Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

RESULT 150
US-60-234-017-31256/c
; Sequence 31256, Application US/60234017
; GENERAL INFORMATION:
; APPLICANT: Mittmann, M
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus
; TITLE OF INVENTION: musculus
; FILE REFERENCE: 3115
; CURRENT APPLICATION NUMBER: US/60/234,017
; CURRENT FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 31256
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank AV336781
US-60-234-017-31256

Query Match      4.4%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.1e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 570 CCAGACCAAGACTTTTGTCTGTT 593
Db 24 CCAGACCAAGACTTTTGTGTT 1

Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

RESULT 151
US-60-234-017-31268/c
; Sequence 31268, Application US/60234017
; GENERAL INFORMATION:
; APPLICANT: Mittmann, M
; APPLICANT: Affymetrix, Inc.
```

Query Match 4.4%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.1e+02;

```

RESULT 156
US-60-427-808-347567/c
; Sequence 347567, Application US/60427808
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528
; CURRENT APPLICATION NUMBER: US/60/427,808
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 347567
; LENGTH: 25
; TYPE: DNA

```

```
; ORGANISM: Mus musculus
; US-60-427-808-347567

Query Match      4.4%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.1e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 612 CTGACTCTCTGCTGTTCTCTGAGAG 635
Db 24 CTGCTCTCTGCTGAGGATCTCTGAGG 1

RESULT 157
US-60-427-808-746526
; Sequence 746526, Application US/60427808
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528
; CURRENT APPLICATION NUMBER: US/60/427,808
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 746526
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-60-427-808-746526

Query Match      4.4%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.1e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 513 ACAGTACCAATATCTTCCCAACAT 536
Db 2 AAGTACCACTACTACCCCAACAT 25

RESULT 158
US-60-427-836-136754
; Sequence 136754, Application US/60427836
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527
; CURRENT APPLICATION NUMBER: US/60/427,836
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 136754
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-60-427-836-136754

Query Match      4.4%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.1e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 824 GCTGTGCTCTTCTTCTCTGAA 847
Db 2 GCTGTGCTATTTCTCTGTGAA 25

RESULT 159
US-60-427-836-178211
; Sequence 178211, Application US/60427836
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527
; CURRENT APPLICATION NUMBER: US/60/427,836
; CURRENT FILING DATE: 2002-11-20

; ORGANISM: Mus musculus
; US-60-427-808-347567

Query Match      4.4%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.1e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 612 CTGACTCTCTGCTGTTCTCTGAGAG 635
Db 24 CTGCTCTCTGCTGAGGATCTCTGAGG 1

RESULT 157
US-60-427-808-746526
; Sequence 746526, Application US/60427808
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528
; CURRENT APPLICATION NUMBER: US/60/427,808
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 746526
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-60-427-808-746526

Query Match      4.4%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.1e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 513 ACAGTACCAATATCTTCCCAACAT 536
Db 2 AAGTACCACTACTACCCCAACAT 25

RESULT 158
US-60-427-836-136754
; Sequence 136754, Application US/60427836
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527
; CURRENT APPLICATION NUMBER: US/60/427,836
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 136754
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-60-427-836-136754

Query Match      4.4%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.1e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 824 GCTGTGCTCTTCTTCTCTGAA 847
Db 2 GCTGTGCTATTTCTCTGTGAA 25

RESULT 159
US-60-427-836-178211
; Sequence 178211, Application US/60427836
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527
; CURRENT APPLICATION NUMBER: US/60/427,836
; CURRENT FILING DATE: 2002-11-20

; ORGANISM: Mus musculus
; US-60-427-808-347567

Query Match      4.4%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.1e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 612 CTGACTCTCTGCTGTTCTCTGAGAG 640
Db 2 TCACCGGTTCTCTGAGAGATGCT 25

RESULT 160
US-60-427-836-313821/c
; Sequence 313821, Application US/60427836
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527
; CURRENT APPLICATION NUMBER: US/60/427,836
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 313821
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-60-427-836-313821

Query Match      4.4%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.1e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 644 AAGTCACAGACCTCAGCTTTCTC 667
Db 24 AACTCACAGACTCAGCCTTTGTC 1

RESULT 161
US-60-507-511-40221/c
; Sequence 40221, Application US/60507511
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William M
; TITLE OF INVENTION: NUCLEIC ACID ARRAYS FOR DETECTING GENE EXPRESSION ASSOCIATED WITH
; TITLE OF INVENTION: HUMAN OSTEOARTHRITIS AND HUMAN PROTEASES
; FILE REFERENCE: AM 101081
; CURRENT APPLICATION NUMBER: US/60/507,511
; CURRENT FILING DATE: 2003-10-02
; NUMBER OF SEQ ID NOS: 203623
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 40221
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-60-507-511-40221

Query Match      4.4%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.1e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 561 GAGCTCCTCCAGACCAAGACTTT 584
Db 24 GAGTGACTCACAGCAAGACTTT 1

RESULT 162
US-10-310-188-42057/c
```

```
; Sequence 42057, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE
; TITLE OF INVENTION: USES THEREOF
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 42057
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-42057

Query Match 4.3%; Score 17.2; DB 1; Length 22;
Best Local Similarity 86.4%; Pred. No. 1e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 555 CCCAGCGAGCTCCTCCAGACC 576
Db 22 CCCAGCCACTCTCTCCAGCCC 1

RESULT 163
US-10-310-188-40233/c
; Sequence 40233, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE
; TITLE OF INVENTION: USES THEREOF
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 40233
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-40233

Query Match 4.3%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 84;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 630 TGAGAGGCTCCTTAAG 646
Db 17 TGAGAGGCTCCTTAAG 1

RESULT 164
US-10-266-090-42010/c
; Sequence 42010, Application US/10266090
; GENERAL INFORMATION:
; APPLICANT: GOFF, STEPHEN
; APPLICANT: BONAN, CAROLINE
; APPLICANT: COLBERT, MICHELLE
; APPLICANT: WANG, RONG-LIN
; TITLE OF INVENTION: CEREAL TRINUCLEOTIDE SIMPLE SEQUENCE
; TITLE OF INVENTION: REPEAT MARKERS AND THEIR USES
; FILE REFERENCE: NAD11.058C1
; CURRENT APPLICATION NUMBER: US/10/266,090
; CURRENT FILING DATE: 2002-10-03
; PRIOR APPLICATION NUMBER: US 10/260,703
; PRIOR FILING DATE: 2002-09-26
; PRIOR APPLICATION NUMBER: US 60/326,117
; PRIOR FILING DATE: 2001-09-26
; NUMBER OF SEQ ID NOS: 51812
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 42010
; LENGTH: 20
```

```
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR PRIMER FOR SEQUENCE FROM ORYZA SATIVA
US-10-266-090-42010

Query Match 4.2%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.1e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 534 CATCTCTGCTCCTTAGGCCT 553
Db 20 CATCTTCTGCTCCTTAGGCCT 1

RESULT 165
US-10-751-736-1040/c
; Sequence 1040, Application US/10751736
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; TITLE OF INVENTION: CANCERS
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1040
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAI
US-10-751-736-1040

Query Match 4.2%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 1.1e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 634 AGAGGCTCCTTAAGTCACAGA 653
Db 20 AGAGGCACCAAGTCACAGA 1

RESULT 166
US-10-310-188-57404/c
; Sequence 57404, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE
; TITLE OF INVENTION: USES THEREOF
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 57404
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-57404

Query Match 4.2%; Score 16.6; DB 1; Length 23;
Best Local Similarity 82.6%; Pred. No. 1.3e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 708 CGAGTCCAGGAGGAGTCTGTG 730
Db 23 CGAGTCCAGGAGGAGGAGGAGGAGTCTGTG 1
```

```
RESULT 167
US-10-751-736-1039/c
; Sequence 1039, Application US/10751736
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Brown, Eugene
; APPLICANT: Martinez, Robert
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1039
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-751-736-1039

Query Match      4.1%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.3e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 635 GAGGCTCTTAAGTCACAGACC 655
Db 21 GAGGCACCAAGTCACAGATC 1

RESULT 168
US-10-751-736-25128
; Sequence 25128, Application US/10751736
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 25128
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNA1
US-10-751-736-25128

Query Match      4.1%; Score 16.2; DB 1; Length 21;
Best Local Similarity 61.9%; Pred. No. 1.3e+02;
Matches 13; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 867 TTGGAACACTTTCCTGAGATG 887
Db 1 UUGGAACACUUCAGGAGAG 21

RESULT 169
US-10-310-188-35581/c
; Sequence 35581, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE
; FILE REFERENCE: 47487
```

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; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 35581
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-35581

Query Match      4.1%; Score 16.2; DB 1; Length 22;
Best Local Similarity 85.7%; Pred. No. 1.4e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 830 TCTCTTTTCTCTCTGAGAC 850
Db 21 TTTCTTTTCTCTCTGAGACC 1

RESULT 170
US-07-920-483B-185/c
; Sequence 185, Application US/07920483B
; GENERAL INFORMATION:
; APPLICANT: McCormick, Francis P.
; TITLE OF INVENTION: Detection of Point Mutations in
; TITLE OF INVENTION: Genes Encoding GTP Binding Proteins
; NUMBER OF SEQUENCES: 254
; CORRESPONDENCE ADDRESS:
; ADDRESS: Hoffmann-La Roche Inc.
; STREET: 340 Kingsland Street
; CITY: Nutley
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/920,483B
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Sias Ph.D., Stacey R.
; REGISTRATION NUMBER: 32,630
; REFERENCE/DOCKET NUMBER: 8687
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 814-2863
; TELEFAX: (510) 814-2977
; TELEX:
; INFORMATION FOR SEQ ID NO: 185:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-07-920-483B-185

Query Match      4.0%; Score 16; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.3e+02;
Matches 17; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 527 TTCCCAACATCTCTGCTCC 546
Db 20 TTCCCAACACACACTGCTCC 1

RESULT 171
US-07-920-483B-187/c
; Sequence 187, Application US/07920483B
```

GENERAL INFORMATION:
APPLICANT: McCormick, Francis P.
APPLICANT: Lyons, John F.
TITLE OF INVENTION: Detection of Point Mutations in
TITLE OF INVENTION: Genes Encoding GTP Binding Proteins
NUMBER OF SEQUENCES: 254
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hoffmann-La Roche Inc.
STREET: 340 Kingsland Street
CITY: Nutley
STATE: New Jersey
COUNTRY: USA
ZIP: 07110
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/920,483B
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Sias Ph.D., Stacey R.
REGISTRATION NUMBER: 32,630
REFERENCE/DOCKET NUMBER: 8687
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 814-2863
TELEFAX: (510) 814-2977
TELEX:
INFORMATION FOR SEQ ID NO: 187:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-07-920-483B-187

Query Match 4.0%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+02;
Matches 17; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 527 TTCCCAACATCTCTGCTCC 546
Db 20 TTCCCAACACACTGCTCC 1

RESULT 172
US-10-310-188-75348
Sequence 75348, Application US/10310188
GENERAL INFORMATION:
APPLICANT: Robertagemonics
TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENES
FILE REFERENCE: 47487
CURRENT APPLICATION NUMBER: US/10/310,188
CURRENT FILING DATE: 2002-12-19
NUMBER OF SEQ ID NOS: 86841
SOFTWARE: Patent In version 3.1
SEQ ID NO 75348
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-310-188-75348

Query Match 4.0%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1.3e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 581 CTTTGTGTTCTGTTTCTTA 599
Db 2 CTTTGTGTTTCTGTTTCTTA 20

RESULT 173
US-10-032-585-4849/c
Sequence 4849, Application US/10032585
GENERAL INFORMATION:
APPLICANT: Terry, Roemer D.
APPLICANT: Bo, Jiang
APPLICANT: Charles, Boone
APPLICANT: Howard, Bussey
TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
FILE REFERENCE: 10182-005-999
CURRENT APPLICATION NUMBER: US/10/032,585
CURRENT FILING DATE: 2001-12-20
NUMBER OF SEQ ID NOS: 8000
SOFTWARE: Patent in version 3.1
SEQ ID NO 4849
LENGTH: 22
TYPE: DNA
ORGANISM: Candida albicans
US-10-032-585-4849

Query Match 4.0%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 821 TTGGCTGTGTCCTCTTCT 839
Db 22 TGGGCTGTGTCCTCTTCT 4

RESULT 174
US-10-061-201-1116
Sequence 1116, Application US/10061201
GENERAL INFORMATION:
APPLICANT: Shannon, Mark
TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
FILE REFERENCE: PB0178
CURRENT APPLICATION NUMBER: US/10/061,201
CURRENT FILING DATE: 2002-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 09/864,761
PRIOR FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/328,205
PRIOR FILING DATE: 2001-10-10
NUMBER OF SEQ ID NOS: 4162
SOFTWARE: Acomica Sequence Listing Engine
SEQ ID NO 1116
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-10-061-201-1116

Query Match 3.9%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 1.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 744 GTAGGGTCCCGAGGTCC 760


```
Db      1 GTAGGGGCCAGGGTCC 17
||||| ||||| ||||| |||||
RESULT 175
US-60-328-205-1116
; Sequence 1116, Application US/60328205
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: AEWICA-26
; CURRENT APPLICATION NUMBER: US/60/328,205
; CURRENT FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aemica Sequence Listing Engine
; SEQ ID NO 1116
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-60-328-205-1116
Query Match      3.9%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 1.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY      744 GTAGGGTCCAGGGTCC 760
||||| ||||| ||||| |||||
Db      1 GTAGGGGCCAGGGTCC 17
||||| ||||| ||||| |||||
RESULT 176
US-10-310-188-6795/c
; Sequence 6795, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6795
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-6795
Query Match      3.9%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 1.4e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY      674 TGCGGACCCCGAGGC 690
||||| ||||| ||||| |||||
Db      17 TGGGGACCCCGAGGC 1
||||| ||||| ||||| |||||
RESULT 177
US-09-179-536B-102/c
; Sequence 102, Application US/09179536B
; GENERAL INFORMATION:
; APPLICANT: Hubert K ster
; APPLICANT: David M. Lough
; APPLICANT: Guobing Xiang
; TITLE OF INVENTION: DNA DIAGNOSTICS BASED ON MASS SPECTROMETRY
; NUMBER OF SEQUENCES: 320
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Heller Ehrman White & McAuliffe
; STREET: 4250 Executive Square, 7th Floor
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037
```

```
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/179,536B
FILING DATE: 26-Oct-1998
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US97/20444
FILING DATE: 06-NOV-1997
APPLICATION NUMBER: 08/947,801
FILING DATE: 08-Oct-97
APPLICATION NUMBER: 08/933,792
FILING DATE: 13-Sep-97
APPLICATION NUMBER: 08/787,639
FILING DATE: 23-Jan-97
APPLICATION NUMBER: 08/786,988
FILING DATE: 23-Jan-97
APPLICATION NUMBER: 08/746,055
FILING DATE: 06-Nov-96
APPLICATION NUMBER: 08/746,036
FILING DATE: 06-Nov-96
APPLICATION NUMBER: 08/744,590
FILING DATE: 06-Nov-96
APPLICATION NUMBER: 08/744,481
FILING DATE: 06-Nov-96
ATTORNEY/AGENT INFORMATION:
NAME: Seidman, Stephanie L
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 24736-2004B
TELECOMMUNICATION INFORMATION:
TELEPHONE: 858-450-8400
TELEFAX: 858-587-5360
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 102:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: <Unknown>
ORIGINAL SOURCE:
SEQUENCE DESCRIPTION: SEQ ID NO: 102:
US-09-179-536B-102
Query Match      3.9%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 1.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY      753 CAGGGTCCCTAGGCCTC 769
||||| ||||| ||||| |||||
Db      19 CAGGGTCCCTAGGCCTC 3
||||| ||||| ||||| |||||
RESULT 178
US-09-297-576A-102/c
; Sequence 102, Application US/09297576A
; GENERAL INFORMATION:
; APPLICANT: KOSTER, Hubert
; APPLICANT: LITTLE, Daniel P.
; APPLICANT: BRAUN, Andreas
; APPLICANT: LOUGH, David M.
; APPLICANT: XIANG, Guobing
; APPLICANT: VAN DEN BOOM, Dirk
; APPLICANT: JURINKE, Christian
; APPLICANT: RUPPERT, Andreas
; TITLE OF INVENTION: DNA DIAGNOSTICS BASED ON MASS SPECTROMETRY
; NUMBER OF SEQUENCES: 320
```

;;
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Heller Ehrman White & McAuliffe
;; STREET: 4250 Executive Square, 7th Floor
;; CITY: La Jolla
;; STATE: CA
;; COUNTRY: USA
;; ZIP: 92037
;;
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Diskette
;; COMPUTER: IBM Compatible
;; OPERATING SYSTEM: DOS
;; SOFTWARE: ASCII
;;
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/09/297,576A
;; FILING DATE: 07-Jun-2000
;;
;; CLASSIFICATION:
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 08/947,801
;; FILING DATE: 08-Oct-97
;; APPLICATION NUMBER: 08/933,792
;; FILING DATE: 19-Sep-97
;; APPLICATION NUMBER: 08/787,639
;; FILING DATE: 23-Jan-97
;; APPLICATION NUMBER: 08/786,988
;; FILING DATE: 23-Jan-97
;; APPLICATION NUMBER: 08/746,055
;; FILING DATE: 06-Nov-96
;; APPLICATION NUMBER: 08/746,036
;; FILING DATE: 06-Nov-96
;; APPLICATION NUMBER: 08/744,590
;; FILING DATE: 06-Nov-96
;; APPLICATION NUMBER: 08/744,481
;; FILING DATE: 06-Nov-96
;;
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Seidman, Stephanie L
;; REGISTRATION NUMBER: 33,779
;; REFERENCE/DOCKET NUMBER: 24736-2004
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 858-450-8400
;; TELEFAX: 858-450-8499
;;
;; INFORMATION FOR SEQ ID NO: 102:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 19 base pairs
;; TYPE: nucleic acid
;; TOPOLOGY: unknown
;; STRANDEDNESS: single
;; MOLECULE TYPE: cdna
;; HYPOTHETICAL: NO
;; ANTI-SENSE: NO
;; FRAGMENT TYPE: <Unknown>
;; ORIGINAL SOURCE:
;; US-09-297-576A-102

Query Match 3.9%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred No. 1.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 753 CAGGTCCTCCAGGCCTC 769
Db 19 CAGGTCCTCCAGGCCTC 3

RESULT 179
US-09-686-148-102/c
; Sequence 102, Application US/09686148
; GENERAL INFORMATION:
; APPLICANT: KOSTER, Hubert
; LITTLE, Daniel P.
; BRAUN, Andreas
; LOUGH, David M.
; XIANG, Guobing
; VAN DEN BOOM, Dirk
; JURINKE, Christian

;;
;; RUPPERT, Andreas
;; TITLE OF INVENTION: DNA DIAGNOSTICS BASED ON MASS SPECTROMETRY
;; NUMBER OF SEQUENCES: 320
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Heller Ehrman White & McAuliffe
;; STREET: 4250 Executive Square, 7th Floor
;; CITY: La Jolla
;; STATE: CA
;; COUNTRY: USA
;; ZIP: 92037
;;
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Diskette
;; COMPUTER: IBM Compatible
;; OPERATING SYSTEM: DOS
;; SOFTWARE: ASCII
;;
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/09/686,148
;; FILING DATE: 10-Oct-2000
;; CLASSIFICATION: <Unknown>
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 09/297,576
;; FILING DATE: 28-Jun-99
;; APPLICATION NUMBER: 08/947,801
;; FILING DATE: 08-Oct-97
;; APPLICATION NUMBER: 08/933,792
;; FILING DATE: 19-Sep-97
;; APPLICATION NUMBER: 08/787,639
;; FILING DATE: 23-Jan-97
;; APPLICATION NUMBER: 08/786,988
;; FILING DATE: 23-Jan-97
;; APPLICATION NUMBER: 08/746,055
;; FILING DATE: 06-Nov-96
;; APPLICATION NUMBER: 08/746,036
;; FILING DATE: 06-Nov-96
;; APPLICATION NUMBER: 08/744,590
;; FILING DATE: 06-Nov-96
;; APPLICATION NUMBER: 08/744,481
;; FILING DATE: 06-Nov-96
;;
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Seidman, Stephanie L
;; REGISTRATION NUMBER: 33,779
;; REFERENCE/DOCKET NUMBER: 24736-2004
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 858-450-8400
;; TELEFAX: 858-450-8499
;;
;; INFORMATION FOR SEQ ID NO: 102:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 19 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: unknown
;; MOLECULE TYPE: cdna
;; HYPOTHETICAL: NO
;; ANTI-SENSE: NO
;; FRAGMENT TYPE: <Unknown>
;; ORIGINAL SOURCE:
;; SEQUENCE DESCRIPTION: SEQ ID NO: 102:
US-09-686-148-102

Query Match 3.9%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred No. 1.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 753 CAGGTCCTCCAGGCCTC 769
Db 19 CAGGTCCTCCAGGCCTC 3

RESULT 130
US-09-783-881-102/c
; Sequence 102, Application US/09783881
; GENERAL INFORMATION:
; APPLICANT: David M. Lough

Guobing Xiang
TITLE OF INVENTION: DNA DIAGNOSTICS BASED ON MASS SPECTROMETRY
NUMBER OF SEQUENCES: 320
CORRESPONDENCE ADDRESS:

ADDRESSEE: Heller Ehrman White & McCulliffe
STREET: 4250 Executive Square, 7th Floor
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: ASCII

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/783,881
FILING DATE: 13-Feb-2001
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/179,536
FILING DATE: 27-OCT-1998
APPLICATION NUMBER: PCT/US97/20444
FILING DATE: 06-NOV-1997
APPLICATION NUMBER: 08/947,801
FILING DATE: 08-Oct-97
APPLICATION NUMBER: 08/933,792
FILING DATE: 19-Sep-97
APPLICATION NUMBER: 08/787,639
FILING DATE: 23-Jan-97
APPLICATION NUMBER: 08/786,988
FILING DATE: 23-Jan-97
APPLICATION NUMBER: 08/746,055
FILING DATE: 06-Nov-96
APPLICATION NUMBER: 08/746,036
FILING DATE: 06-Nov-96
APPLICATION NUMBER: 08/744,590
FILING DATE: 06-Nov-96
APPLICATION NUMBER: 08/744,481
FILING DATE: 06-Nov-96

ATTORNEY/AGENT INFORMATION:

NAME: Seidman, Stephanie L
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 24736-2004B
TELECOMMUNICATION INFORMATION:
TELEPHONE: 858-450-8400
TELEFAX: 858-587-5360
TELEX: <Unknown>

INFORMATION FOR SEQ ID NO: 102:

SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: <Unknown>

ORIGINAL SOURCE:
SEQUENCE DESCRIPTION: SEQ ID NO: 102:

US-09-783-881-102

Query Match 3.9%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 1.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 753 CAGGGTCCCTAGGCCTC 769

Db 19 CAGGGTCCCTAGGCCTC 3

RESULT 181

US-10-349-143-6172/c

Sequence 6172, Application US/10349143
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CPI
CURRENT APPLICATION NUMBER: US/10/349,143
CURRENT FILING DATE: 2003-01-21
PRIOR APPLICATION NUMBER: US/09/422,978
PRIOR FILING DATE: 1999-10-20
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 6172
LENGTH: 19
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..19
OTHER INFORMATION: upstream amplification primer 99-9513 for SEQ 2238,
US-10-349-143-6172

Query Match 3.9%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 1.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 873 CACTTCTCTGAGATGCA 889

Db 17 CACTTCTCTGAGATGCA 1

RESULT 182

US-09-367-272-8/c

Sequence 8, Application US/09367272

GENERAL INFORMATION:

APPLICANT: Tornell, Jan
APPLICANT: Kindblom, Jon
APPLICANT: Wennbo, Hakan
APPLICANT: Isaksson, Olle
APPLICANT: Norstedt, Gunnar
TITLE OF INVENTION: Method for Screening and Transgenic Model
FILE REFERENCE: 003300-583
CURRENT APPLICATION NUMBER: US/09/367,272
CURRENT FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/SE98/00266
PRIOR FILING DATE: 1998-02-13
PRIOR APPLICATION NUMBER: SE 9700527-6
PRIOR FILING DATE: 1997-02-14
NUMBER OF SEQ ID NOS: 8
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 8
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: primer
US-09-367-272-8

Query Match 3.9%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.6e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 718 GAGAGTGAAGTCTGTCTCA 734

Db 17 GAGAGTGAAGTCTGTCTCA 1

RESULT 183

US-10-289-762-5931/c

; Sequence 5931, Application US/10289762

; GENERAL INFORMATION:

; APPLICANT: Griffiths, R.

; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments

; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention

; TITLE OF INVENTION: and treatment of infection

; FILE REFERENCE: 9710-003-999

; CURRENT APPLICATION NUMBER: US/10/289,762

; CURRENT FILING DATE: 2003-03-27

; NUMBER OF SEQ ID NOS: 6849

; SEQ ID NO 5931

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Chlamydia pneumoniae

US-10-289-762-5931

Query Match

Best Local Similarity 3.9%; Score 15.4; DB 1; Length 20;

Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 728 CTGTCATAGACTGG 744

Db 17 CTGTCATAGACTGG 1

RESULT 184

US-10-310-188-12327

; Sequence 12327, Application US/10310188

; GENERAL INFORMATION:

; APPLICANT: RosettaGenomics

; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENES

; TITLE OF INVENTION: USES THEREOF

; FILE REFERENCE: 47487

; CURRENT APPLICATION NUMBER: US/10/310,188

; CURRENT FILING DATE: 2002-12-19

; NUMBER OF SEQ ID NOS: 86841

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 12327

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-310-188-12327

Query Match

Best Local Similarity 3.9%; Score 15.4; DB 1; Length 20;

Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 832 TCTTTCTCTCTGAG 848

Db 3 TCTTTCTCTCTGAG 19

RESULT 185

US-09-765-081-363/c

; Sequence 363, Application US/09765081

; GENERAL INFORMATION:

; APPLICANT: Cargill, Michele

; APPLICANT: Ireland, James S.

; APPLICANT: Lander, Eric S.

; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS

; FILE REFERENCE: 2825-2008-001

; CURRENT APPLICATION NUMBER: US/09/765,081

; CURRENT FILING DATE: 2001-01-18

; PRIOR APPLICATION NUMBER: US 60/176,861

; PRIOR FILING DATE: 2000-01-19

; NUMBER OF SEQ ID NOS: 461

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 363

; LENGTH: 21

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-765-081-363

Query Match 3.9%; Score 15.4; DB 1; Length 21;

Best Local Similarity 84.2%; Pred. No. 1.6e+02;

Matches 16; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 658 AGTCTTCTCAGAGCTGG 676

Db 19 AGTCTTCTCAGAGCTGG 1

RESULT 186

US-09-957-641-11

; Sequence 11, Application US/09957641

; GENERAL INFORMATION:

; APPLICANT: Emory University

; TITLE OF INVENTION: MODIFIED FACTOR VIII

; FILE REFERENCE: 75-00

; CURRENT APPLICATION NUMBER: US/09/957,641

; CURRENT FILING DATE: 2001-09-16

; PRIOR APPLICATION NUMBER: US 60/234047

; PRIOR FILING DATE: 2000-09-19

; PRIOR APPLICATION NUMBER: US 60/236460

; PRIOR FILING DATE: 2000-09-29

; NUMBER OF SEQ ID NOS: 18

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 11

; LENGTH: 21

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: oligonucleotide

; OTHER INFORMATION: primer

US-09-957-641-11

Query Match

Best Local Similarity 3.9%; Score 15.4; DB 1; Length 21;

Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 591 GTTTTCTACACACAG 607

Db 2 GTTTTCTACACACAG 18

RESULT 187

US-09-957-641A-11

; Sequence 11, Application US/09957641A

; GENERAL INFORMATION:

; APPLICANT: Lollar, John S.

; TITLE OF INVENTION: MODIFIED FACTOR VIII

; FILE REFERENCE: 75-00 US

; CURRENT APPLICATION NUMBER: US/09/957,641A

; CURRENT FILING DATE: 2001-09-19

; PRIOR APPLICATION NUMBER: US 60/234,047

; PRIOR FILING DATE: 2000-09-19

; PRIOR APPLICATION NUMBER: US 60/236,460

; PRIOR FILING DATE: 2000-09-29

; NUMBER OF SEQ ID NOS: 21

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 11

; LENGTH: 21

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence:

; OTHER INFORMATION: Oligonucleotide primer

US-09-957-641A-11

Query Match

Best Local Similarity 3.9%; Score 15.4; DB 1; Length 21;

Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 591 GTTTTCTACACACAG 607

```
Db      2 GTTTTCTACACAGAG 18
|||||
RESULT 188
PCT-US02-31357-85/c
; Sequence 85, Application PC/TUS0231357
; GENERAL INFORMATION:
; APPLICANT: Curagen Corporation, et al
; TITLE OF INVENTION: NOVEL HUMAN PROTEINS, POLYNUCLEOTIDES ENCODING THEM AND METHODS
; TITLE OF INVENTION: THE SAME
; FILE REFERENCE: 21402-462D-061
; CURRENT APPLICATION NUMBER: PCT/US02/31357
; CURRENT FILING DATE: 2002-10-02
; PRIOR APPLICATION NUMBER: 60/327,454
; PRIOR FILING DATE: 2001-10-05
; PRIOR APPLICATION NUMBER: 60/327,917
; PRIOR FILING DATE: 2001-10-09
; PRIOR APPLICATION NUMBER: 60/328,029
; PRIOR FILING DATE: 2001-10-09
; PRIOR APPLICATION NUMBER: 60/328,056
; PRIOR FILING DATE: 2001-10-09
; PRIOR APPLICATION NUMBER: 60/328,849
; PRIOR FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: 60/329,414
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 60/330,142
; PRIOR FILING DATE: 2001-10-17
; PRIOR APPLICATION NUMBER: 60/341,058
; PRIOR FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: 60/343,629
; PRIOR FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: 60/349,575
; PRIOR FILING DATE: 2001-10-29
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 133
; SOFTWARE: CuraSeqList version 0.1
; SEQ ID NO 85
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
PCT-US02-31357-85

Query Match      3.8%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      612 CTGACTCTGCTGGTTCCTG 631
Db      20 CAGACTCTGGCTGGTTCATG 1
|||||

RESULT 189
PCT-US03-20865-3335/c
; Sequence 3335, Application PC/TUS0320865
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corporation
; APPLICANT: Kane, Christopher D
; TITLE OF INVENTION: ANTISENSE MODULATION OF LRH1 EXPRESSION
; FILE REFERENCE: 011901/PCT
; CURRENT APPLICATION NUMBER: PCT/US03/20865
; CURRENT FILING DATE: 2003-07-01
; PRIOR APPLICATION NUMBER: 60/392,813
; PRIOR FILING DATE: 2002-07-01
; NUMBER OF SEQ ID NOS: 3450
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3335
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:

; OTHER INFORMATION: Human LRH1 antisense
PCT-US03-20865-3335

Query Match      3.8%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      643 TAAAGTCACAGACCTCGTCT 662
Db      20 TAAGTCATAGACCAAGTCT 1
|||||

RESULT 190
US-07-920-483B-183/c
; Sequence 183, Application US/07920483B
; GENERAL INFORMATION:
; APPLICANT: McCormick, Francis P.
; APPLICANT: Lyons, John F.
; TITLE OF INVENTION: Detection of Point Mutations in
; TITLE OF INVENTION: Genes Encoding GTP Binding Proteins
; NUMBER OF SEQUENCES: 254
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hoffmann-La Roche Inc.
; STREET: 340 Kingsland Street
; CITY: Nutley
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/920,483B
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Sias Ph.D. Stacey R.
; REGISTRATION NUMBER: 32,630
; REFERENCE/DOCKET NUMBER: 8687
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 814-2863
; TELEFAX: (510) 814-2977
; TELEX:
; INFORMATION FOR SEQ ID NO: 183:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-07-920-483B-183

Query Match      3.8%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      527 TTCCCAACATCTCTGCTCC 546
Db      20 TTCCCAACACCACTGCTCC 1
|||||

RESULT 191
US-08-471-438-1/c
; Sequence 1, Application US/08471498
; GENERAL INFORMATION:
; APPLICANT: Weirer, Amy J.
; APPLICANT: Houghton, Michael
; TITLE OF INVENTION: Immunoreactive Polypeptide Compositions
; NUMBER OF SEQUENCES: 45
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Chiron Corporation
```

```
; STREET: 4560 Horton Street
; CITY: Emeryville
; STATE: CA
; COUNTRY: USA
; ZIP: 94608
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/471,498
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/759,575
; FILING DATE: 13-SEP-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: McClung, Barbara G.
; REGISTRATION NUMBER: 33,113
; REFERENCE/DOCKET NUMBER: 0205.001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 601-2708
; TELEFAX: (510) 655-3542
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-471-498-1

Query Match      3.8%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      548 AGGCTCCCGCCAGCTCC 567
Db      ||| ||||| ||||| |||||
        20 AGGACTCCCGCTCCAGTCC 1

RESULT 192
US-10-144-577-18
; Sequence 18, Application US/10144577
; GENERAL INFORMATION:
; APPLICANT: MacLeod, Alan Robert
; TITLE OF INVENTION: Inhibitors of DNA Methyltransferase Isoforms
; FILE REFERENCE: MET-005
; CURRENT APPLICATION NUMBER: US/10/144,577
; CURRENT FILING DATE: 2002-05-13
; PRIOR APPLICATION NUMBER: US 60/290,202
; PRIOR FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: US 60/290,212
; PRIOR FILING DATE: 2001-05-11
; NUMBER OF SEQ ID NOS: 49
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 18
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-144-577-18

Query Match      3.8%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      853 CGTCTGGCTCCAGTTGGAA 872
Db      ||||| ||||| ||||| |||||
        1 CGTCTGGCTCCAGTTACAA 20

RESULT 193
US-10-144-577-18
; Sequence 18, Application US/10144577
; GENERAL INFORMATION:
; APPLICANT: MacLeod, Alan Robert
; TITLE OF INVENTION: Inhibitors of DNA Methyltransferase Isoforms
; FILE REFERENCE: MET-005
; CURRENT APPLICATION NUMBER: US/10/144,577
; CURRENT FILING DATE: 2002-05-13
; PRIOR APPLICATION NUMBER: US 60/290,202
; PRIOR FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: US 60/290,212
; PRIOR FILING DATE: 2001-05-11
; NUMBER OF SEQ ID NOS: 49
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 18
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-144-577-18

Query Match      3.8%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      853 CGTCTGGCTCCAGTTGGAA 872
Db      ||||| ||||| ||||| |||||
        1 CGTCTGGCTCCAGTTACAA 20

RESULT 193
```

```
US-10-144-577-20
; Sequence 20, Application US/10144577
; GENERAL INFORMATION:
; APPLICANT: MacLeod, Alan Robert
; TITLE OF INVENTION: Inhibitors of DNA Methyltransferase Isoforms
; FILE REFERENCE: MET-005
; CURRENT APPLICATION NUMBER: US/10/144,577
; CURRENT FILING DATE: 2002-05-13
; PRIOR APPLICATION NUMBER: US 60/290,202
; PRIOR FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: US 60/290,212
; PRIOR FILING DATE: 2001-05-11
; NUMBER OF SEQ ID NOS: 49
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-144-577-20

Query Match      3.8%; Score 15.2; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.7e+02;
Matches 16; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY      853 CGTCTGGCTCCAGTTGGAA 872
Db      ||| ||||| ||||| |||||
        1 CGUGTGGCTCCAGTTACAA 20

RESULT 194
US-10-144-577-46
; Sequence 46, Application US/10144577
; GENERAL INFORMATION:
; APPLICANT: MacLeod, Alan Robert
; TITLE OF INVENTION: Inhibitors of DNA Methyltransferase Isoforms
; FILE REFERENCE: MET-005
; CURRENT APPLICATION NUMBER: US/10/144,577
; CURRENT FILING DATE: 2002-05-13
; PRIOR APPLICATION NUMBER: US 60/290,202
; PRIOR FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: US 60/290,212
; PRIOR FILING DATE: 2001-05-11
; NUMBER OF SEQ ID NOS: 49
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 46
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-144-577-46

Query Match      3.8%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      853 CGTCTGGCTCCAGTTGGAA 872
Db      ||||| ||||| ||||| |||||
        1 CGTCTGGCTCCAGTTACAA 20

RESULT 195
US-10-190-312A-167/c
; Sequence 167, Application US/10190312A
; GENERAL INFORMATION:
; APPLICANT: Chromagenics B.V.
; APPLICANT: Otte, Arie P.
; APPLICANT: Kruckeberg, Arthur L.
; TITLE OF INVENTION: DNA sequences comprising gene transcription regulatory qualities
; FILE REFERENCE: 2183-4993.1
; CURRENT APPLICATION NUMBER: US/10/190,312A
; CURRENT FILING DATE: 2002-07-05
; PRIOR APPLICATION NUMBER: 60/303,199
; PRIOR FILING DATE: 2001-07-05
```

; NUMBER OF SEQ ID NOS: 1079
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 167
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide E21
US-10-190-312A-167

Query Match 3.8%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 606 AGAGTACTGACTGCTGCTGG 625
| | | | | | | | | | | | | | | | | | | | | |
Db 20 AGAGTCCGAGTCTGCTGG 1

RESULT 196
US-10-262-445-85/c
; Sequence 85, Application US/10262445
; GENERAL INFORMATION:
; APPLICANT: Alsbrook II, John
; APPLICANT: Burgess, Catherine
; APPLICANT: Catterton, Elina
; APPLICANT: Chant, John
; APPLICANT: Chaudhuri, Amitabha
; APPLICANT: Edinger, Shlomit
; APPLICANT: Gerlach, Valerie
; APPLICANT: Giot, Loic
; APPLICANT: Gorman, Linda
; APPLICANT: Guo, Xiaojia
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Mezes, Peter
; APPLICANT: Millet, Isabelle
; APPLICANT: Ooi, Chean Eng
; APPLICANT: Patturajan, Meera
; APPLICANT: Rieger, Daniel
; APPLICANT: Spytek, Kimberly
; APPLICANT: Taupier Jr., Raymond J.
; APPLICANT: Zerhusen, Bryan
; APPLICANT: Zhong, Haihong
; APPLICANT: Zhong, Mei
; TITLE OF INVENTION: NOVEL HUMAN PROTEINS, POLYNUCLEOTIDES ENCODING THEM AND METHODS
; FILE REFERENCE: 21402-462D
; CURRENT APPLICATION NUMBER: US/10/262,445
; CURRENT FILING DATE: 2002-10-01
; PRIOR APPLICATION NUMBER: 60/327,454
; PRIOR FILING DATE: 2001-10-05
; PRIOR APPLICATION NUMBER: 60/327,917
; PRIOR FILING DATE: 2001-10-09
; PRIOR APPLICATION NUMBER: 60/328,029
; PRIOR FILING DATE: 2001-10-09
; PRIOR APPLICATION NUMBER: 60/328,056
; PRIOR FILING DATE: 2001-10-09
; PRIOR APPLICATION NUMBER: 60/328,849
; PRIOR FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: 60/329,414
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 60/330,142
; PRIOR FILING DATE: 2001-10-17
; PRIOR APPLICATION NUMBER: 60/341,058
; PRIOR FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: 60/343,629
; PRIOR FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: 60/349,575
; PRIOR FILING DATE: 2001-10-29
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 133
; SOFTWARE: Curasequid version 0.1
; SEQ ID NO 85

; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-262-445-85

Query Match 3.8%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 612 CTGACTCTGCTGTTCTCG 631
| | | | | | | | | | | | | | | | | | | | | |
Db 20 CAGACTCTGCTGTTCTCATG 1

RESULT 197
US-10-298-123-32
; Sequence 32, Application US/10298123
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF PROTEIN KINASE D2 EXPRESSION
; FILE REFERENCE: HTS-0050
; CURRENT APPLICATION NUMBER: US/10/298,123
; CURRENT FILING DATE: 2002-11-16
; NUMBER OF SEQ ID NOS: 76
; SEQ ID NO 32
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-298-123-32

Query Match 3.8%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 781 GCAGCCCTCTGTCGCAAG 800
| | | | | | | | | | | | | | | | | | | | | |
Db 1 GCAGCACCTCGGTGCCAGG 20

RESULT 198
US-10-298-123-63/c
; Sequence 63, Application US/10298123
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF PROTEIN KINASE D2 EXPRESSION
; FILE REFERENCE: HTS-0050
; CURRENT APPLICATION NUMBER: US/10/298,123
; CURRENT FILING DATE: 2002-11-16
; NUMBER OF SEQ ID NOS: 76
; SEQ ID NO 63
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-298-123-63

Query Match 3.8%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 781 GCAGCCCTCTGTCGCAAG 800
| | | | | | | | | | | | | | | | | | | | | |
Db 20 GCAGCACCTCGGTGCCAGG 1

RESULT 199
US-10-303-778-634/c
; Sequence 634, Application US/10303778
; GENERAL INFORMATION:

; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL
; FILE REFERENCE: 47416
; CURRENT APPLICATION NUMBER: US/10/303,778
; CURRENT FILING DATE: 2002-11-26
; NUMBER OF SEQ ID NOS: 17608
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 634
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-303-778-634

Query Match 3.8%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 839 TTCTCTGAAGACAGGCTCT 858
DB 20 TTCTCTGAGCACAGTGCTCT 1

RESULT 200
US-10-315-765-29
; Sequence 29, Application US/10315765
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF CDK9 EXPRESSION
; FILE REFERENCE: PTS-0020
; CURRENT APPLICATION NUMBER: US/10/315,765
; CURRENT FILING DATE: 2002-12-09
; NUMBER OF SEQ ID NOS: 128
; SEQ ID NO 29
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-315-765-29

Query Match 3.8%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 555 CCCAGCGAGCTCTCCCGA 574
DB 1 CTCAGCGGGCTGCTCCCGA 20

RESULT 201
US-10-315-765-93/c
; Sequence 93, Application US/10315765
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF CDK9 EXPRESSION
; FILE REFERENCE: PTS-0020
; CURRENT APPLICATION NUMBER: US/10/315,765
; CURRENT FILING DATE: 2002-12-09
; NUMBER OF SEQ ID NOS: 128
; SEQ ID NO 93
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-315-765-93

Query Match 3.8%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.7e+02;

Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 555 CCCAGCGAGCTCTCCCGA 574
DB 20 CTCAGCGGGCTGCTCCCGA 1

RESULT 202
PCT-US03-17676-47/c
; Sequence 47, Application PC/TUS0317676
; GENERAL INFORMATION:
; APPLICANT: Sequenom, Inc.
; APPLICANT: Adam Gail Isabel
; APPLICANT: Langdown, Maria
; APPLICANT: Roth, Richard
; APPLICANT: Denissenko, Mikhail
; APPLICANT: Smylie, Kevin
; TITLE OF INVENTION: DIAGNOSING PREDISPOSITION TO FAT
; TITLE OF INVENTION: DEPOSITION AND THERAPEUTIC METHODS FOR REDUCING FAT
; FILE REFERENCE: 52459-20030.40
; CURRENT APPLICATION NUMBER: PCT/US03/17676
; CURRENT FILING DATE: 2003-06-04
; PRIOR APPLICATION NUMBER: US 60/386,012
; PRIOR FILING DATE: 2002-06-04
; NUMBER OF SEQ ID NOS: 99
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 47
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
PCT-US03-17676-47

Query Match 3.8%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 822 TGGCTGTGCTCTCTTTCTTC 841
DB 20 TGTCTGTGCTCTTTCTTC 1

RESULT 203
US-10-019-348-19/c
; Sequence 19, Application US/10019348
; GENERAL INFORMATION:
; APPLICANT: Nelson, Peter S
; APPLICANT: Hood, Leroy
; APPLICANT: Lin, Biaoyang
; TITLE OF INVENTION: Prostate-Specific Nucleic Acids
; FILE REFERENCE: UOPW-1-18176
; CURRENT APPLICATION NUMBER: US/10/019,348
; CURRENT FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: PCT/US00/10920
; PRIOR FILING DATE: 2000-04-21
; PRIOR APPLICATION NUMBER: 60/130,778
; PRIOR FILING DATE: 1999-04-23
; PRIOR APPLICATION NUMBER: 60/151,585
; PRIOR FILING DATE: 1999-08-30
; PRIOR APPLICATION NUMBER: 60/174,003
; PRIOR FILING DATE: 1999-12-30
; PRIOR APPLICATION NUMBER: 60/177,751
; PRIOR FILING DATE: 2000-01-24
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 19
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PCR Primer


```
; NAME/KEY: misc.binding
; LOCATION: (1)-(21)
; OTHER INFORMATION: ARS01 PCR primer 6A4N2
US-10-019-348-19

Query Match      3.8%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 530 CCAACATCTCTGCTCTCTAG 549
Db 20 CCAACATCTCTCTCACCAG 1

RESULT 204
US-10-455-552-47/c
; Sequence 47, Application US/10455552
; GENERAL INFORMATION:
; APPLICANT: Adam, Gail Isabel
; APPLICANT: Langdown, Maria
; APPLICANT: Roth, Richard
; APPLICANT: Denissenko, Mikhail
; APPLICANT: Smylie, Kevin
; TITLE OF INVENTION: DIAGNOSING PREDISPOSITION TO FAT
; TITLE OF INVENTION: DEPOSITION AND THERAPEUTIC METHODS FOR REDUCING FAT
; TITLE OF INVENTION: DEPOSITION AND TREATMENT OF ASSOCIATED CONDITIONS
; FILE REFERENCE: 52459-20030.00
; CURRENT APPLICATION NUMBER: US/10/455,552
; CURRENT FILING DATE: 2003-06-04
; PRIOR APPLICATION NUMBER: US 60/386,012
; PRIOR FILING DATE: 2002-06-04
; NUMBER OF SEQ ID NOS: 98
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 47
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-455-552-47

Query Match      3.8%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 822 TGGCTGTGTCTCTTTCTTC 841
Db 20 TGTCTGTGTCTTTCTTC 1

RESULT 205
US-10-751-736-181/c
; Sequence 181, Application US/10751736
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; TITLE OF INVENTION: CANCERS
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 181
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-751-736-181

Query Match      3.8%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 637 GGCTCTTAAGTCACAGACT 656
Db 21 GGCAACAAAGTCACAGATCT 2

RESULT 206
US-10-751-736-182/c
; Sequence 182, Application US/10751736
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; TITLE OF INVENTION: CANCERS
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 182
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAI
US-10-751-736-182

Query Match      3.8%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 636 AGGCTCTTAAGTCACAGACC 655
Db 20 AGGCACCAAGTCACAGATC 1

RESULT 207
US-10-751-736-12863/c
; Sequence 12863, Application US/10751736
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: CANCERS
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 12863
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAI
US-10-751-736-12863

Query Match      3.8%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 658 AGTCTTTCTCGAAGCTTGGC 677
Db 20 ACTCTTTCTCGAAGCTTGTG 1
```

RESULT 208

US-10-751-736-14101/c
; Sequence 14101, Application US/10751736
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 14101
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-751-736-14101

Query Match 3.8%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 732 TCATAGACTTGGTAGGTC 751

Db 20 TCTTAGACTTGGTAGGTC 1

RESULT 209

US-10-751-736-17698
; Sequence 17698, Application US/10751736
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 17698
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-751-736-17698

Query Match 3.8%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 611 ACTGACTCTGCTGGTCTCCT 630

Db 2 ACTGACTCTGATGTGCTCCT 21

RESULT 210

US-10-751-736-38368/c
; Sequence 38368, Application US/10751736
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON

; TITLE OF INVENTION: CANCERS
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 38368
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-751-736-38368

Query Match 3.8%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 624 GGTTCCTGAGAGGGTCTCCT 643

Db 21 GCTTCCTGAGAGGGTCTCCT 2

RESULT 211

US-10-310-188-16316
; Sequence 16316, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENES
; FILE REFERENCE: 47487
; CURRENT FILING DATE: 2002-12-19
; CURRENT APPLICATION NUMBER: US/10/310,188
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 16316
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-16316

Query Match 3.8%; Score 15; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 747 GGGTCCCGGGTCCC 761

Db 4 GGGTCCCGGGTCCC 18

RESULT 212

US-09-451-662-25/c
; Sequence 25, Application US/09451662
; GENERAL INFORMATION:
; APPLICANT: Chowrira, Bharat
; McSwiggen, James
; TITLE OF INVENTION: HAIRPIN RIBOZYMES
; NUMBER OF SEQUENCES: 48
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:

```

; APPLICATION NUMBER: US/09/451,662
; FILING DATE: 30-Nov-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/773,297
; FILING DATE: <unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 223/225
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 25:
; US-09-451-662-25

Query Match          3.7%; Score 14.8; DB
Best Local Similarity 88.9%; Pred. No. 1.7e+
Matches 16; Conservative 0; Mismatches

QY      840 TCTCTGAAGACAGCGTCC 857
Db      18 TGTCTGAAGACAGCGTCC 1

RESULT 213
US-09-451-662-27/c
; Sequence 27, Application US/09451562
; GENERAL INFORMATION:
; APPLICANT: Chowira, Bharat
; McSwiggen, James
; TITLE OF INVENTION: HAIRPIN RIBOZYMES
; NUMBER OF SEQUENCES: 48
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LYON & LYON
; STREET: 633 West Fifth Street
; Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/451,662
FILING DATE: 30-Nov-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/773,297
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 223/225
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid

```

```

; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 27:
US-09-451-662-27

Query Match 3.7%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 1.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 840 TCTCTGAAGACAGCGCTCC 857
Db 18 TGTCTGAAGACAGCTTCC 1

RESULT 214
PCT-US03-05045-188/c
; Sequence 188, Application PC/TUS0305045
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; APPLICANT: Pavco, Pamela
; APPLICANT: Fosnaugh, Kathy
; APPLICANT: Jamison, Sharon
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor
; FILE REFERENCE: 400/081 (MBHB 02-468-B)
; CURRENT APPLICATION NUMBER: PCT/US03/05045
; CURRENT FILING DATE: 2003-05-07
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/251,117
; PRIOR FILING DATE: 2002-09-19
; PRIOR APPLICATION NUMBER: US 10/163,552
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 10/277,494
; PRIOR FILING DATE: 2002-10-21
; PRIOR APPLICATION NUMBER: US 09/916,466
; PRIOR FILING DATE: 2001-07-25
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1263
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 188
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
PCT-US03-05045-188

Query Match 3.7%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 1.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 764 GGCCTCCACTTCTGAGGG 781
Db 18 GGCCTCCTCTTCAGAGG 1

RESULT 215
PCT-US03-05045-247
; Sequence 247, Application PC/TUS0305045
; GENERAL INFORMATION:

```

```

1 / APPLICANT: Sirna Therapeutics Inc.
2 / APPLICANT: MCSwiggan, James
3 / APPLICANT: Beigelman, Leonid
4 / APPLICANT: Pavco, Pamela
5 / APPLICANT: Fosnaugh, Kathy
6 / APPLICANT: Jamison, Sharon
7 / TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor
8 / TITLE OF INVENTION: Receptor Gene Expression Using Short Interfering RNA
9 / FILE REFERENCE: 400/081 (MBHB 02-468-B)
10 / CURRENT APPLICATION NUMBER: PCT/US03/05045
11 / CURRENT FILING DATE: 2003-05-07
12 / PRIOR APPLICATION NUMBER: US 60/393,924
13 / PRIOR FILING DATE: 2002-07-03
14 / PRIOR APPLICATION NUMBER: US 10/251,117
15 / PRIOR FILING DATE: 2002-09-19
16 / PRIOR APPLICATION NUMBER: US 10/163,552
17 / PRIOR FILING DATE: 2002-06-06
18 / PRIOR APPLICATION NUMBER: US 10/277,494
19 / PRIOR FILING DATE: 2002-10-21
20 / PRIOR APPLICATION NUMBER: US 09/916,466
21 / PRIOR FILING DATE: 2001-07-25
22 / PRIOR APPLICATION NUMBER: PCT/US 02/16840
23 / PRIOR FILING DATE: 2002-05-29
24 / PRIOR APPLICATION NUMBER: US 60/358,580
25 / PRIOR FILING DATE: 2002-02-20
26 / PRIOR APPLICATION NUMBER: US 60/363,124
27 / PRIOR FILING DATE: 2002-03-11
28 / PRIOR APPLICATION NUMBER: US 60/386,782
29 / PRIOR FILING DATE: 2002-06-06
30 / PRIOR APPLICATION NUMBER: US 60/406,784
31 / PRIOR FILING DATE: 2002-08-29
32 / Remaining Prior Application data removed - See File Wrapper or PALM.
33 / NUMBER OF SEQ ID NOS: 1263
34 / SOFTWARE: PatentIn version 3.2
35 / SEQ ID NO 247
36 / LENGTH: 19
37 / TYPE: RNA
38 / ORGANISM: Artificial Sequence
39 / FEATURE:
40 / OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
41 / PCT-US03-05045-247

```

Query Match	3.7%	Score 14.8;	DB 1;	Length 19;
Best Local Similarity	16.7%;	Pred. No. 1.7e+02;		
Matches 3;	Conservative	13;	Mismatches 2;	Indels 0;
				Gaps 0;

Qy 582 TTTGTTCTGTTTTCTA 599
:::|:::|:::|:::|:::|:::|
db 2 UUUUGUUUGUUUUUUUA 19

RESULT 216
PCT-US03-05045-437
; Sequence 437, Application PC/TUS0305045
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; APPLICANT: Pavco, Pamela
; APPLICANT: Fosnaugh, Kathy
; APPLICANT: Jamison, Sharon
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor
; RECEPTOR GENE EXPRESSION USING SHORT INTERFERING RNA
; FILE REFERENCE: 400/081 (MRBH 02-468-B)
; CURRENT APPLICATION NUMBER: PCT/US03/05045
; CURRENT FILING DATE: 2003-05-07
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/251,117
; PRIOR FILING DATE: 2002-09-19
; PRIOR APPLICATION NUMBER: US 10/163,552
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 10/277,494

```

, PRIOR FILING DATE: 2002-10-21
, PRIOR APPLICATION NUMBER: US 09/916,466
, PRIOR FILING DATE: 2001-07-25
, PRIOR APPLICATION NUMBER: PCT/US 02/16840
, PRIOR FILING DATE: 2002-05-29
, PRIOR APPLICATION NUMBER: US 60/358,580
, PRIOR FILING DATE: 2002-02-20
, PRIOR APPLICATION NUMBER: US 60/363,124
, PRIOR FILING DATE: 2002-03-11
, PRIOR APPLICATION NUMBER: US 60/386,782
, PRIOR FILING DATE: 2002-06-06
, PRIOR APPLICATION NUMBER: US 60/405,784
, PRIOR FILING DATE: 2002-08-29
, Remaining Prior Application data removed -
, NUMBER OF SEQ ID NOS: 1263
, SOFTWARE: PatentIn version 3.2
, SEQ ID NO 437
, LENGTH: 19
, TYPE: RNA
, ORGANISM: Artificial Sequence
, FEATURE:
, OTHER INFORMATION: Description of Artificial
PCT-US03-05045-437

```

Query Match	3.7%	Score 14.8;	DB 1;	Length 19;
Best Local Similarity	72.2%;	Pred. No. 1.7e+02;		
Matches 13;	Conservative	3;	Mismatches 2;	Indels 0;
				Gaps 0;

Qy , 764 GGCCTCCACTTCTGAGGG 781
Db 2 GGCCUCCUUCAGAGGG 19

RESULT 217
PCT-US03-05045-496/c
; Sequence 496, Application PC/TUS0305045
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; APPLICANT: Pavco, Pamela
; APPLICANT: Posnaugh, Kathy
; APPLICANT: Jamison, Sharon
; TITLE OF INVENTION: RNA interference Mediated Inhibition of Epidermal Growth Factor
; TITLE OF INVENTION: Receptor Gene Expression Using Short Interfering RNA
; FILE REFERENCE: 400/081 (MBHB 02-468-B)
; CURRENT APPLICATION NUMBER: PCT/US03/05045
; CURRENT FILING DATE: 2003-05-07
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/251,117
; PRIOR FILING DATE: 2002-09-19
; PRIOR APPLICATION NUMBER: US 10/163,552
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 10/277,494
; PRIOR FILING DATE: 2002-10-21
; PRIOR APPLICATION NUMBER: US 09/916,466
; PRIOR FILING DATE: 2001-07-25
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1263
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 496
; LENGTH: 19

```
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:  s1NA antisense region
PCT-US03-05045-496

Query Match          3.7%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 1.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 582 TTTTGTCTGTTTCTTA 599
    |||||TTTTTTTTTTT 1
Db 18 TTTTGTCTGTTTCTTA 1

RESULT 218
PCT-US03-05045-619/c
; Sequence 619, Application PC/TUS0305045
; GENERAL INFORMATION:
; APPLICANT: S1rna Therapeutics Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; APPLICANT: Pavco, Pamela
; APPLICANT: Fosnaugh, Kathy
; APPLICANT: Jamison, Sharon
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor
; TITLE OF INVENTION: Receptor Gene Expression Using Short Interfering RNA
; FILE REFERENCE: 400/081 (MBHB 02-468-B)
; CURRENT APPLICATION NUMBER: PCT/US03/05045
; CURRENT FILING DATE: 2003-05-07
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/251,117
; PRIOR FILING DATE: 2002-09-19
; PRIOR APPLICATION NUMBER: US 10/163,552
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 10/277,494
; PRIOR FILING DATE: 2002-10-21
; PRIOR APPLICATION NUMBER: US 09/916,466
; PRIOR FILING DATE: 2001-07-25
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1263
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 619
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:  s1NA antisense region
PCT-US03-05045-619

Query Match          3.7%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 1.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 676 GCGGACCCCGGCGCCAC 693
    |||||TTTTTTTTTTT 1
Db 19 GCGGATCCCGGCGCCAC 2

RESULT 219
PCT-US03-05045-926
; Sequence 926, Application PC/TUS0305045
; GENERAL INFORMATION:
; APPLICANT: Immusol, Inc. et al.
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT AND/OR PREVENTION OF RESTENOSIS
; FILE REFERENCE: 480124.406
; CURRENT APPLICATION NUMBER: US/09/453,607A
; CURRENT FILING DATE: 1999-12-06
; NUMBER OF SEQ ID NOS: 4388
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2576
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin G1 ribozyme binding site
US-09-453-607A-2576

Query Match          3.7%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 1.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 676 GCGGACCCCGGCGCCAC 693
    |||||TTTTTTTTTTT 1
Db 19 GCGGATCCCGGCGCCAC 2
```

```
; GENERAL INFORMATION:
; APPLICANT: S1rna Therapeutics Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; APPLICANT: Pavco, Pamela
; APPLICANT: Fosnaugh, Kathy
; APPLICANT: Jamison, Sharon
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor
; TITLE OF INVENTION: Receptor Gene Expression Using Short Interfering RNA
; FILE REFERENCE: 400/081 (MBHB 02-468-B)
; CURRENT APPLICATION NUMBER: PCT/US03/05045
; CURRENT FILING DATE: 2003-05-07
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/251,117
; PRIOR FILING DATE: 2002-09-19
; PRIOR APPLICATION NUMBER: US 10/163,552
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 10/277,494
; PRIOR FILING DATE: 2002-10-21
; PRIOR APPLICATION NUMBER: US 09/916,466
; PRIOR FILING DATE: 2001-07-25
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1263
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 926
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:  s1NA antisense region
PCT-US03-05045-926

Query Match          3.7%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 1.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 676 GCGGACCCCGGCGCCAC 693
    |||||TTTTTTTTTTT 1
Db 1 GCGGATCCCGGCGCCAC 18

RESULT 220
US-09-453-607A-2576
; Sequence 2576, Application US/09453607A
; GENERAL INFORMATION:
; APPLICANT: Immusol, Inc. et al.
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT AND/OR PREVENTION OF RESTENOSIS
; FILE REFERENCE: 480124.406
; CURRENT APPLICATION NUMBER: US/09/453,607A
; CURRENT FILING DATE: 1999-12-06
; NUMBER OF SEQ ID NOS: 4388
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2576
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin G1 ribozyme binding site
US-09-453-607A-2576

Query Match          3.7%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 1.7e+02;
```

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 537 CCTCTGCTCTAGGCTC 554
|||||
Db 2 CCTCTCTCTAGGCTC 19

RESULT 221

US-09-453-607C-2576
; Sequence 2576, Application US/09453607C

; GENERAL INFORMATION:
; APPLICANT: Immusol, Inc. et al.
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT AND/OR PREVENTION OF
; FILE REFERENCE: 480124.406
; CURRENT APPLICATION NUMBER: US/09/453,607C
; CURRENT FILING DATE: 1999-12-07
; NUMBER OF SEQ ID NOS: 4389
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2576
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin G1 ribozyme binding site
US-09-453-607C-2576

Query Match 3.7%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 1.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 537 CCTCTGCTCTAGGCTC 554
|||||
Db 2 CCTCTCTCTAGGCTC 19

RESULT 222

US-09-696-791-2576
; Sequence 2576, Application US/09696791

; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2576
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin G1 ribozyme binding site
US-09-696-791-2576

Query Match 3.7%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 1.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 537 CCTCTGCTCTAGGCTC 554
|||||
Db 2 CCTCTCTCTAGGCTC 19

RESULT 223

US-10-251-117-188/c
; Sequence 188, Application US/10251117

; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor R

; TITLE OF INVENTION: Gene Expression Using Short Interfering RNA
; FILE REFERENCE: 900/042 (MBH02-468-A)
; CURRENT APPLICATION NUMBER: US/10/251,117
; CURRENT FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/163,552
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 09/916,466
; PRIOR FILING DATE: 2001-07-25
; PRIOR APPLICATION NUMBER: US 60/296,249
; PRIOR FILING DATE: 2001-06-06
; NUMBER OF SEQ ID NOS: 1213
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 188
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense r
US-10-251-117-188

Query Match 3.7%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 1.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 764 GGCCTCCACTTCTGAGG 781
|||||
Db 18 GGCCTCTCTTTCAGAGG 1

RESULT 224

US-10-251-117-247

; Sequence 247, Application US/10251117
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor R
; TITLE OF INVENTION: Gene Expression Using Short Interfering RNA
; FILE REFERENCE: 900/042 (MBH02-468-A)
; CURRENT APPLICATION NUMBER: US/10/251,117
; CURRENT FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/163,552
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 09/916,466
; PRIOR FILING DATE: 2001-07-25
; PRIOR APPLICATION NUMBER: US 60/296,249
; PRIOR FILING DATE: 2001-06-06
; NUMBER OF SEQ ID NOS: 1213
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 247
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense r
US-10-251-117-247

Query Match 3.7%; Score 14.8; DB 1; Length 19;
Best Local Similarity 16.7%; Pred. No. 1.7e+02;
Matches 3; Conservative 13; Mismatches 2; Indels 0; Gaps 0;

QY 582 TTTTCTCTCTTTCTA 599
:::::|:::|
Db 2 UUUUGUUUUUUUUUU 19

RESULT 225

US-10-251-117-437
; Sequence 437, Application US/10251117
; GENERAL INFORMATION:
; APPLICANT: McSwiggen Pharmaceuticals, Inc.
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor R
; FILE REFERENCE: 900/042 (MBHB02-468-A)
; CURRENT APPLICATION NUMBER: US/10/251,117
; CURRENT FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/163,552
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 09/916,466
; PRIOR FILING DATE: 2001-07-25
; PRIOR APPLICATION NUMBER: US 60/296,249
; PRIOR FILING DATE: 2001-06-06
; NUMBER OF SEQ ID NOS: 1213
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 437
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-251-117-437

Query Match 3.7%; Score 14.8; DB 1; Length 19;

Best Local Similarity 72.2%; Pred. No. 1.7e+02;

Matches 13; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 764 GGCCTCACTCTGAGG 781

Db 2 GGCUCUCUCAGAGG 19

RESULT 226

US-10-251-117-496/c
; Sequence 496, Application US/10251117
; GENERAL INFORMATION:
; APPLICANT: McSwiggen Pharmaceuticals, Inc.
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor R
; FILE REFERENCE: 900/042 (MBHB02-468-A)
; CURRENT APPLICATION NUMBER: US/10/251,117
; CURRENT FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/163,552
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 09/916,466
; PRIOR FILING DATE: 2001-07-25
; PRIOR APPLICATION NUMBER: US 60/296,249
; PRIOR FILING DATE: 2001-06-06
; NUMBER OF SEQ ID NOS: 1213
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 496
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-251-117-496

Query Match 3.7%; Score 14.8; DB 1; Length 19;

Best Local Similarity 88.9%; Pred. No. 1.7e+02;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 582 TTTGTTCTGTTTTCTA 599

Db 18 TTTGTTGTTTTTTA 1

RESULT 227

US-10-251-117-673/c
; Sequence 673, Application US/10251117
; GENERAL INFORMATION:
; APPLICANT: McSwiggen Pharmaceuticals, Inc.
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor R
; FILE REFERENCE: 900/042 (MBHB02-468-A)
; CURRENT APPLICATION NUMBER: US/10/251,117
; CURRENT FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/163,552
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 09/916,466
; PRIOR FILING DATE: 2001-07-25
; PRIOR APPLICATION NUMBER: US 60/296,249
; PRIOR FILING DATE: 2001-06-06
; NUMBER OF SEQ ID NOS: 1213
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 673
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense r
US-10-251-117-673

Query Match 3.7%; Score 14.8; DB 1; Length 19;

Best Local Similarity 88.9%; Pred. No. 1.7e+02;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 676 GCGACCCCCAGGCGCAC 693

Db 19 GCGATCCCCAGGCGCAC 2

RESULT 228

US-10-251-117-980
; Sequence 980, Application US/10251117
; GENERAL INFORMATION:
; APPLICANT: McSwiggen Pharmaceuticals, Inc.
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor R
; FILE REFERENCE: 900/042 (MBHB02-468-A)
; CURRENT APPLICATION NUMBER: US/10/251,117
; CURRENT FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/163,552
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 09/916,466
; PRIOR FILING DATE: 2001-07-25
; PRIOR APPLICATION NUMBER: US 60/296,249
; PRIOR FILING DATE: 2001-06-06
; NUMBER OF SEQ ID NOS: 1213
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 980
; LENGTH: 19
; TYPE: RNA

```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-251-117-980

Query Match          3.7%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 1.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 676 GCGGACCCCGGAGGCCAC 693
Db 1 GCGGACCCCGGAGGCCAC 18

RESULT 229
US-10-310-188-1972/c
; Sequence 1972, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENES
; TITLE OF INVENTION: USES THEREOF
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1972
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-1972

Query Match          3.7%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 1.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 678 GGAGCCCCCGGAGGCCAC 695
Db 19 GGAGCCCCCGGAGGCCAC 2

RESULT 230
US-10-310-188-58104/c
; Sequence 58104, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENES
; TITLE OF INVENTION: USES THEREOF
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 58104
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-58104

Query Match          3.7%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 1.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 582 TTTTCTCTGTTTCTTA 599
Db 18 TTTTCTCTGTTTCTTA 1

RESULT 231
PCT-US03-05271-35
; Sequence 35, Application PC/TUS0305271
; GENERAL INFORMATION:
; APPLICANT: MedImmune Vaccines, Inc
```

```
; APPLICANT: ViroNovative BV
; TITLE OF INVENTION: METAPNEUMOVIRUS STRAINS AND THEIR
; TITLE OF INVENTION: USE IN VACCINE FORMULATIONS AND AS
; TITLE OF INVENTION: VECTORS FOR EXPRESSION OF
; TITLE OF INVENTION: ANTIGENIC SEQUENCES
; FILE REFERENCE: 7682-063-228
; CURRENT APPLICATION NUMBER: PCT/US03/05271
; CURRENT FILING DATE: 2003-05-21
; NUMBER OF SEQ ID NOS: 389
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 35
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
PCT-US03-05271-35

Query Match          3.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 653 ACCTCAGCTCTTCTCGAA 670
Db 2 ACCCCAGCTCTTCTTGAA 19

RESULT 232
PCT-US03-23376-35
; Sequence 35, Application PC/TUS0323376
; GENERAL INFORMATION:
; APPLICANT: MedImmune, Inc.
; TITLE OF INVENTION: METHODS OF TREATING AND PREVENTING
; TITLE OF INVENTION: RSV, HMPV, AND PIV USING ANTI-RSV,
; TITLE OF INVENTION: ANTI-HMPV, AND ANTI-PIV ANTIBODIES
; FILE REFERENCE: 10271-072-228
; CURRENT APPLICATION NUMBER: PCT/US03/23376
; CURRENT FILING DATE: 2003-07-28
; PRIOR APPLICATION NUMBER: 60/398,475
; PRIOR FILING DATE: 2002-07-25
; NUMBER OF SEQ ID NOS: 437
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 35
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
PCT-US03-23376-35

Query Match          3.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 653 ACCTCAGCTCTTCTCGAA 670
Db 2 ACCCCAGCTCTTCTTGAA 19

RESULT 233
US-08-339-516-6
; Sequence 6, Application US/08339516
; GENERAL INFORMATION:
; APPLICANT: Stuart F. Schlossman, Lee M. Nadler
; APPLICANT: and Arnold S. Freedman
; TITLE OF INVENTION: PURGING OF TUMOR CELLS
; TITLE OF INVENTION: FROM BONE MARROW USING MICROSPHERES AND
; TITLE OF INVENTION: MONOCLONAL ANTIBODIES
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Silverman, Cass & Singer
; STREET: 105 West Adams Street, 27th Floor
; CITY: Chicago
```


STATE: Illinois	PRIOR FILING DATE: 1997-10-17
COUNTRY: USA	PRIOR APPLICATION NUMBER: 60/063045
ZIP: 60603	PRIOR FILING DATE: 1997-10-24
COMPUTER READABLE FORM:	PRIOR APPLICATION NUMBER: 60/063046
MEDIUM TYPE: Diskette, 5.25 in., 360 Kb	PRIOR FILING DATE: 1997-10-24
COMPUTER: Zenith, Model ZP-148-41.	PRIOR APPLICATION NUMBER: 60/066511
OPERATING SYSTEM: MS DOS 3.10	PRIOR FILING DATE: 1997-11-24
SOFTWARE: Xywrite III, Ver. 3.041	PRIOR APPLICATION NUMBER: 60/066772
CURRENT APPLICATION DATA:	PRIOR FILING DATE: 1997-11-24
APPLICATION NUMBER: US/08/339,516	PRIOR APPLICATION NUMBER: 60/067411
FILING DATE: 14-NOV-1994	PRIOR FILING DATE: 1997-12-03
CLASSIFICATION: 435	PRIOR APPLICATION NUMBER: 60/069862
PRIOR APPLICATION DATA:	PRIOR FILING DATE: 1997-12-17
APPLICATION NUMBER: US/07/963,104	PRIOR APPLICATION NUMBER: 60/082700
FILING DATE: October 19, 1992	PRIOR FILING DATE: 1998-04-22
APPLICATION NUMBER: US/07/799,087	PRIOR APPLICATION NUMBER: 60/095929
FILING DATE: November 27, 1991	PRIOR FILING DATE: 1998-08-10
ATTORNEY/AGENT INFORMATION:	PRIOR APPLICATION NUMBER: 60/097978
NAME: Myron C. Cass	PRIOR FILING DATE: 1998-08-26
REGISTRATION NUMBER: 17,480	PRIOR APPLICATION NUMBER: 60/103396
REFERENCE/DOCKET NUMBER: 129,182	PRIOR FILING DATE: 1998-10-07
TELECOMMUNICATION INFORMATION:	PRIOR APPLICATION NUMBER: 60/108867
TELEPHONE: (312) 726-6006	PRIOR FILING DATE: 1998-11-17
TELEFAX: (312) 726-2520	PRIOR APPLICATION NUMBER: 60/112851
INFORMATION FOR SEQ ID NO: 6:	PRIOR FILING DATE: 1998-12-16
SEQUENCE CHARACTERISTICS:	PRIOR APPLICATION NUMBER: 60/119965
LENGTH: 20 base pairs	PRIOR FILING DATE: 1999-02-12
TYPE: nucleic acid	PRIOR APPLICATION NUMBER: 60/123972
STRANDEDNESS: single	PRIOR FILING DATE: 1999-03-11
TOPOLOGY: linear	PRIOR APPLICATION NUMBER: 60/133459
US-08-339-516-6	PRIOR FILING DATE: 1999-05-11
Query Match	3.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity	88.9%; Pred. No. 1.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;	
QY	752 CCAGGTCCTCTAGGCTC 769
Db	2 CCAGGTCCTCTGGCCC 19
RESULT 234	
US-09-927-796-214	
Sequence 214, Application US/09927796	
GENERAL INFORMATION:	
APPLICANT: Ashkenazi, Avi J.	
APPLICANT: Goddard, Audrey	
APPLICANT: Godowski, Paul J.	
APPLICANT: Gurney, Austin L.	
APPLICANT: Hillan, Kenneth J.	
APPLICANT: Marsters, Scot A.	
APPLICANT: Pan, James	
APPLICANT: Pitti, Robert M.	
APPLICANT: Roy, Margaret Ann	
APPLICANT: Smith, Victoria	
APPLICANT: Stone, Donna M.	
APPLICANT: Watanabe, Colin K.	
APPLICANT: Wood, William I.	
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE TREATMENT OF TUMOR	
FILE REFERENCE: P2931R1C1	
CURRENT APPLICATION NUMBER: US/09/927,796	
CURRENT FILING DATE: 2001-08-09	
PRIOR APPLICATION NUMBER: 60/014699	
PRIOR FILING DATE: 1996-04-01	
PRIOR APPLICATION NUMBER: 60/026943	
PRIOR FILING DATE: 1996-09-23	
PRIOR APPLICATION NUMBER: 60/059121	
PRIOR FILING DATE: 1997-07-17	
PRIOR APPLICATION NUMBER: 60/059352	
PRIOR FILING DATE: 1997-09-19	
PRIOR APPLICATION NUMBER: 60/062037	
PRIOR FILING DATE: 1997-10-10	
PRIOR APPLICATION NUMBER: 60/063755	

PRIOR APPLICATION NUMBER: 09/380137
PRIOR FILING DATE: 1999-08-25
PRIOR APPLICATION NUMBER: 09/380138
PRIOR FILING DATE: 1999-08-25
PRIOR APPLICATION NUMBER: 09/380139
PRIOR FILING DATE: 1999-08-25
PRIOR APPLICATION NUMBER: 09/403297
PRIOR FILING DATE: 1999-10-18
PRIOR APPLICATION NUMBER: 09/423844
PRIOR FILING DATE: 1999-11-12
PRIOR APPLICATION NUMBER: 09/511133
PRIOR FILING DATE: 2000-02-23
PRIOR APPLICATION NUMBER: 09/511631
PRIOR FILING DATE: 2000-02-23
PRIOR APPLICATION NUMBER: 09/664610
PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: 09/665350
PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: 09/690169
PRIOR FILING DATE: 2000-10-16
PRIOR APPLICATION NUMBER: 09/690189
PRIOR FILING DATE: 2000-10-16
PRIOR APPLICATION NUMBER: 09/709238
PRIOR FILING DATE: 2000-11-18
PRIOR APPLICATION NUMBER: 09/866034
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: 09/872035
PRIOR FILING DATE: 2001-06-01
PRIOR APPLICATION NUMBER: 09/884733
PRIOR FILING DATE: 2001-06-19
PRIOR APPLICATION NUMBER: 09/886342
PRIOR FILING DATE: 2001-06-19
PRIOR APPLICATION NUMBER: 09/866028
PRIOR FILING DATE: 2001-08-25
PRIOR APPLICATION NUMBER: PCT/US97/05230
PRIOR FILING DATE: 1997-03-31
PRIOR APPLICATION NUMBER: PCT/US98/19094
PRIOR FILING DATE: 1998-09-14
PRIOR APPLICATION NUMBER: PCT/US98/19330
PRIOR FILING DATE: 1998-09-16
PRIOR APPLICATION NUMBER: PCT/US98/21407
PRIOR FILING DATE: 1998-10-09
PRIOR APPLICATION NUMBER: PCT/US98/25108
PRIOR FILING DATE: 1998-12-01
PRIOR APPLICATION NUMBER: PCT/US99/05028
PRIOR FILING DATE: 1999-03-08
PRIOR APPLICATION NUMBER: PCT/US99/12252
PRIOR FILING DATE: 1999-06-02
PRIOR APPLICATION NUMBER: PCT/US99/20111
PRIOR FILING DATE: 1999-09-01
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28301
PRIOR FILING DATE: 1999-12-01
PRIOR APPLICATION NUMBER: PCT/US99/28634
PRIOR FILING DATE: 1999-12-01
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
PRIOR APPLICATION NUMBER: PCT/US00/03565
PRIOR FILING DATE: 2000-02-11
PRIOR APPLICATION NUMBER: PCT/US00/04341
PRIOR FILING DATE: 2000-02-18
PRIOR APPLICATION NUMBER: PCT/US00/04342
PRIOR FILING DATE: 2000-02-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: PCT/US00/05941
PRIOR FILING DATE: 2000-03-02
PRIOR APPLICATION NUMBER: PCT/US00/06684

PRIOR FILING DATE: 2000-03-15
PRIOR APPLICATION NUMBER: PCT/US00/08439
PRIOR FILING DATE: 2000-03-30
PRIOR APPLICATION NUMBER: PCT/US00/13705
PRIOR FILING DATE: 2000-05-17
PRIOR APPLICATION NUMBER: PCT/US00/14941
PRIOR FILING DATE: 2000-05-30
PRIOR APPLICATION NUMBER: PCT/US00/15264
PRIOR FILING DATE: 2000-06-02
PRIOR APPLICATION NUMBER: PCT/US00/20710
PRIOR FILING DATE: 2000-07-28
PRIOR APPLICATION NUMBER: PCT/US00/32678
PRIOR FILING DATE: 2000-12-01
PRIOR APPLICATION NUMBER: PCT/US01/17800
PRIOR FILING DATE: 2001-06-01
PRIOR APPLICATION NUMBER: PCT/US01/19692
PRIOR FILING DATE: 2001-06-20
PRIOR APPLICATION NUMBER: PCT/US01/21066
PRIOR FILING DATE: 2001-06-29
PRIOR APPLICATION NUMBER: PCT/US01/21735
PRIOR FILING DATE: 2001-07-09
NUMBER OF SEQ ID NOS: 258
SEQ ID NO 214
LENGTH: 20

Query Match 3.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.8e+02;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 760 CCTAGGCTCCACTTCTG 777
|||||
Db 1 CCTTGGCTCCACTTCTG 18

RESULT 235

US-10-210-951-214
Sequence 214, Application US/10210951
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi J.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Marsters, Scot A.
APPLICANT: Pan, James
APPLICANT: Pitti, Robert M.
APPLICANT: Roy, Margaret Ann
APPLICANT: Smith, Victoria
APPLICANT: Stone, Donna M.
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE TREATMENT OF TUMOR
FILE REFERENCE: F2931R1C1
CURRENT APPLICATION NUMBER: US/10/210,951
CURRENT FILING DATE: 2002-08-02
PRIOR APPLICATION NUMBER: 60/014699
PRIOR FILING DATE: 1996-04-01
PRIOR APPLICATION NUMBER: 60/026943
PRIOR FILING DATE: 1996-09-23
PRIOR APPLICATION NUMBER: 60/059121
PRIOR FILING DATE: 1997-07-17
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/062037
PRIOR FILING DATE: 1997-10-10
PRIOR APPLICATION NUMBER: 60/063755
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/063045
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/063046
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/066511
PRIOR FILING DATE: 1997-11-24

;; PRIOR APPLICATION NUMBER: 60/066772
;; PRIOR FILING DATE: 1997-11-24
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 258
;; SEQ ID NO 214
;; LENGTH: 20
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Synthetic Oligonucleotide Probe.
US-10-210-951-214

Query Match 3.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 760 CCTAGGCTCCACTTCG 777
||| ||||| |||||
DB 1 CCTGGCCTCCATTCTG 18

RESULT 236
US-10-211-858-214
;; Sequence 214, Application US/10211858
;; GENERAL INFORMATION:
;; APPLICANT: Ashkenazi, Avi J.
;; APPLICANT: Goddard, Audrey
;; APPLICANT: Godowski, Paul J.
;; APPLICANT: Gurney, Austin L.
;; APPLICANT: Hillan, Kenneth J.
;; APPLICANT: Marsters, Scot A.
;; APPLICANT: Pan, James
;; APPLICANT: Pitti, Robert M.
;; APPLICANT: Roy, Margaret Ann
;; APPLICANT: Smith, Victoria
;; APPLICANT: Stone, Donna M.
;; APPLICANT: Watanabe, Colin K.
;; APPLICANT: Wood, William I.
;; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE TREATMENT OF TUMOR
;; FILE REFERENCE: P2931R1C1
;; CURRENT APPLICATION NUMBER: US/10/211,858
;; CURRENT FILING DATE: 2002-08-02
;; PRIOR APPLICATION NUMBER: 60/014699
;; PRIOR FILING DATE: 1996-04-01
;; PRIOR APPLICATION NUMBER: 60/026943
;; PRIOR FILING DATE: 1996-09-23
;; PRIOR APPLICATION NUMBER: 60/059121
;; PRIOR FILING DATE: 1997-07-17
;; PRIOR APPLICATION NUMBER: 60/059352
;; PRIOR FILING DATE: 1997-09-19
;; PRIOR APPLICATION NUMBER: 60/062037
;; PRIOR FILING DATE: 1997-10-10
;; PRIOR APPLICATION NUMBER: 60/063755
;; PRIOR FILING DATE: 1997-10-17
;; PRIOR APPLICATION NUMBER: 60/063045
;; PRIOR FILING DATE: 1997-10-24
;; PRIOR APPLICATION NUMBER: 60/063046
;; PRIOR FILING DATE: 1996-09-23
;; PRIOR APPLICATION NUMBER: 60/059121
;; PRIOR FILING DATE: 1997-07-17
;; PRIOR APPLICATION NUMBER: 60/059352
;; PRIOR FILING DATE: 1997-09-19
;; PRIOR APPLICATION NUMBER: 60/062037
;; PRIOR FILING DATE: 1997-10-10
;; PRIOR APPLICATION NUMBER: 60/063755
;; PRIOR FILING DATE: 1997-10-17
;; PRIOR APPLICATION NUMBER: 60/063045
;; PRIOR FILING DATE: 1997-10-24
;; PRIOR APPLICATION NUMBER: 60/063046
;; PRIOR FILING DATE: 1997-10-24
;; PRIOR APPLICATION NUMBER: 60/066511
;; PRIOR FILING DATE: 1997-11-24
;; PRIOR APPLICATION NUMBER: 60/066772
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 258
;; SEQ ID NO 214
;; LENGTH: 20
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Synthetic Oligonucleotide Probe.
US-10-211-858-214

Query Match 3.7%; Score 14.8; DB 1; Length 20;

Best Local Similarity 88.9%; Pred. No. 1.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 760 CCTAGGCTCCACTTCG 777
||| ||||| |||||
DB 1 CCTGGCCTCCATTCTG 18

RESULT 237
US-10-211-884-214
;; Sequence 214, Application US/10211884
;; GENERAL INFORMATION:
;; APPLICANT: Ashkenazi, Avi J.
;; APPLICANT: Goddard, Audrey
;; APPLICANT: Godowski, Paul J.
;; APPLICANT: Gurney, Austin L.
;; APPLICANT: Hillan, Kenneth J.
;; APPLICANT: Marsters, Scot A.
;; APPLICANT: Pan, James
;; APPLICANT: Pitti, Robert M.
;; APPLICANT: Roy, Margaret Ann
;; APPLICANT: Smith, Victoria
;; APPLICANT: Stone, Donna M.
;; APPLICANT: Watanabe, Colin K.
;; APPLICANT: Wood, William I.
;; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE TREATMENT OF TUMOR
;; FILE REFERENCE: P2931R1C1
;; CURRENT APPLICATION NUMBER: US/10/211,884
;; CURRENT FILING DATE: 2002-08-02
;; PRIOR APPLICATION NUMBER: 60/014699
;; PRIOR FILING DATE: 1996-04-01
;; PRIOR APPLICATION NUMBER: 60/026943
;; PRIOR FILING DATE: 1996-09-23
;; PRIOR APPLICATION NUMBER: 60/059121
;; PRIOR FILING DATE: 1997-07-17
;; PRIOR APPLICATION NUMBER: 60/059352
;; PRIOR FILING DATE: 1997-09-19
;; PRIOR APPLICATION NUMBER: 60/062037
;; PRIOR FILING DATE: 1997-10-10
;; PRIOR APPLICATION NUMBER: 60/063755
;; PRIOR FILING DATE: 1997-10-17
;; PRIOR APPLICATION NUMBER: 60/063045
;; PRIOR FILING DATE: 1997-10-24
;; PRIOR APPLICATION NUMBER: 60/063046
;; PRIOR FILING DATE: 1997-10-24
;; PRIOR APPLICATION NUMBER: 60/066511
;; PRIOR FILING DATE: 1997-11-24
;; PRIOR APPLICATION NUMBER: 60/066772
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 258
;; SEQ ID NO 214
;; LENGTH: 20
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Synthetic Oligonucleotide Probe.
US-10-211-884-214

Query Match 3.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 760 CCTAGGCTCCACTTCG 777
||| ||||| |||||
DB 1 CCTGGCCTCCATTCTG 18

RESULT 238
US-10-310-188-23264
;; Sequence 23264, Application US/10310188
;; GENERAL INFORMATION:
;; APPLICANT: RosettaGenomics

```
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE
; FILE OF INVENTION: USES THEREOF
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86941
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 23264
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-23264

Query Match      3.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      825 CTGTGCTCTTTCTTCTCT 842
Db      3 CTGGGCTCTGTTTCTTCT 20

RESULT 239
US-10-371-099-35
; Sequence 35, Application US/10371099
; GENERAL INFORMATION:
; APPLICANT: Haller, Aurelia
; APPLICANT: Tang, Roderick
; APPLICANT: Fouchier, Ronaldus
; APPLICANT: Van Den Hoogen, Bernadetta
; APPLICANT: Osterhaus, Albertus
; TITLE OF INVENTION: METAPNEUMOVIRUS STRAINS AND THEIR
; TITLE OF INVENTION: USE IN VACCINE FORMULATIONS AND AS
; TITLE OF INVENTION: VECTORS FOR EXPRESSION OF
; TITLE OF INVENTION: ANTIGENIC SEQUENCES
; FILE REFERENCE: 7682-063-999
; CURRENT APPLICATION NUMBER: US/10/371,099
; CURRENT FILING DATE: 2003-02-21
; NUMBER OF SEQ ID NOS: 389
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 35
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-371-099-35

Query Match      3.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      653 ACCTCAGCTCTTTCTCGAA 670
Db      2 ACCCCAGCTCTTTCTTGAA 19

RESULT 240
US-10-371-122-35
; Sequence 35, Application US/10371122
; GENERAL INFORMATION:
; APPLICANT: Haller, Aurelia
; APPLICANT: Tang, Roderick
; APPLICANT: Fouchier, Ronaldus
; APPLICANT: Van Den Hoogen, Bernadetta
; APPLICANT: Osterhaus, Albertus
; TITLE OF INVENTION: METAPNEUMOVIRUS STRAINS AND THEIR
; TITLE OF INVENTION: USE IN VACCINE FORMULATIONS AND AS
; TITLE OF INVENTION: VECTORS FOR EXPRESSION OF
; TITLE OF INVENTION: ANTIGENIC SEQUENCES
; FILE REFERENCE: 7682-066-999
; CURRENT APPLICATION NUMBER: US/10/371,122
; CURRENT FILING DATE: 2003-02-21
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; NUMBER OF SEQ ID NOS: 389
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 35
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-371-122-35

Query Match      3.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      653 ACCTCAGCTCTTTCTCGAA 670
Db      2 ACCCCAGCTCTTTCTTGAA 19

RESULT 241
US-10-628-088-35
; Sequence 35, Application US/10628088
; GENERAL INFORMATION:
; APPLICANT: Young, James
; APPLICANT: Kiener, Peter
; APPLICANT: Osterhaus, Albertus
; APPLICANT: Fouchier, Ronaldus
; TITLE OF INVENTION: METHODS OF TREATING AND PREVENTING
; TITLE OF INVENTION: RSV, HMPV, AND PIV USING ANTI-RSV,
; TITLE OF INVENTION: ANTI-HMPV, AND ANTI-PIV ANTIBODIES
; FILE REFERENCE: 10271-072-999
; CURRENT APPLICATION NUMBER: US/10/628,088
; CURRENT FILING DATE: 2003-07-25
; PRIOR APPLICATION NUMBER: 60/398,475
; PRIOR FILING DATE: 2002-07-25
; NUMBER OF SEQ ID NOS: 437
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 35
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-628-088-35

Query Match      3.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      653 ACCTCAGCTCTTTCTCGAA 670
Db      2 ACCCCAGCTCTTTCTTGAA 19

RESULT 242
US-60-465-811-35
; Sequence 35, Application US/60465811
; GENERAL INFORMATION:
; APPLICANT: Haller, Aurelia
; APPLICANT: Tang, Roderick
; APPLICANT: Fouchier, Ronaldus
; APPLICANT: Van Den Hoogen, Bernadetta
; APPLICANT: Osterhaus, Albertus
; TITLE OF INVENTION: METAPNEUMOVIRUS STRAINS AND THEIR
; TITLE OF INVENTION: USE IN VACCINE FORMULATIONS AND AS
; TITLE OF INVENTION: VECTORS FOR EXPRESSION OF
; TITLE OF INVENTION: ANTIGENIC SEQUENCES
; FILE REFERENCE: 7682-074-888
; CURRENT APPLICATION NUMBER: US/60/465,811
; CURRENT FILING DATE: 2003-04-25
; PRIOR APPLICATION NUMBER: 10/371,099
; PRIOR FILING DATE: 2003-02-21
; NUMBER OF SEQ ID NOS: 389
```

; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 35
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-60-465-811-35

Query Match 3.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 653 ACCTCAGTCTTTCTCGAA 670
||| ||||| ||||| |||||
Db 2 ACCCCAGTCTTTCTTGAA 19

RESULT 243

US-60-466-776-35

; Sequence 35, Application US/60466776
; GENERAL INFORMATION:
; APPLICANT: Haller, Aurelia
; APPLICANT: Tang, Roderick
; APPLICANT: Fouchier, Ronaldus
; APPLICANT: Van Den Hoogen, Bernadetta
; APPLICANT: Osterhaus, Albertus
; TITLE OF INVENTION: METAPNEUMOVIRUS STRAINS AND THEIR
; TITLE OF INVENTION: USE IN VACCINE FORMULATIONS AND AS
; TITLE OF INVENTION: VECTORS FOR EXPRESSION OF
; TITLE OF INVENTION: ANTIGENIC SEQUENCES
; FILE REFERENCE: 7682-075-888
; CURRENT APPLICATION NUMBER: US/60/466, 776
; CURRENT FILING DATE: 2003-04-30
; NUMBER OF SEQ ID NOS: 389
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 35
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-60-466-776-35

Query Match 3.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 653 ACCTCAGTCTTTCTCGAA 670
||| ||||| ||||| |||||
Db 2 ACCCCAGTCTTTCTTGAA 19

RESULT 244

US-60-480-658-35

; Sequence 35, Application US/60480658
; GENERAL INFORMATION:
; APPLICANT: Haller, Aurelia
; APPLICANT: Tang, Roderick
; APPLICANT: Fouchier, Ronaldus
; APPLICANT: Van Den Hoogen, Bernadetta
; APPLICANT: Osterhaus, Albertus
; TITLE OF INVENTION: METAPNEUMOVIRUS STRAINS AND THEIR
; TITLE OF INVENTION: USE IN VACCINE FORMULATIONS AND AS
; TITLE OF INVENTION: VECTORS FOR EXPRESSION OF
; TITLE OF INVENTION: ANTIGENIC SEQUENCES
; FILE REFERENCE: 7682-076-888
; CURRENT APPLICATION NUMBER: US/60/480, 658
; CURRENT FILING DATE: 2003-06-20
; NUMBER OF SEQ ID NOS: 389
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 35
; LENGTH: 20

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-60-480-658-35

Query Match 3.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 653 ACCTCAGTCTTTCTCGAA 670
||| ||||| ||||| |||||
Db 2 ACCCCAGTCTTTCTTGAA 19

RESULT 245

US-10-310-188-61896/c

; Sequence 61896, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGemonics
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE:
; TITLE OF INVENTION: USES THEREOF
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 61896
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-310-188-61896

Query Match 3.7%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 1.9e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 537 CCTCTGCTCTAGGCCTC 554
||| ||||| ||||| |||||
Db 19 CCTCTGCTCAGGGCTC 2

RESULT 246

US-10-349-143-4342

; Sequence 4342, Application US/10349143
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/03/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER APPLICATION NUMBER: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 4342
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: upstream amplification primer 99-14679 for SEQ 408,
US-10-349-143-4342

Query Match 3.7%; Score 14.8; DB 1; Length 21;

```
Best Local Similarity 88.9%; Pred. No. 1.9e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 513 ACAGTACCAATCTTCC 530
   ||| ||||| ||||| |||
Db 4 ACACCACCAATCTTCC 21

RESULT 247
US-10-751-736-12862/c
; Sequence 12862, Application US/10751736
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 12862
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-751-736-12862

Query Match 3.7%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 1.9e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 660 TCTTCTCGAGCTTGGC 677
   ||||| ||||| ||||| |||
Db 20 TCTTCTCGAGCTTGC 3

RESULT 248
US-10-751-736-12865/c
; Sequence 12865, Application US/10751736
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 12865
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-751-736-12865

Query Match 3.7%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 1.9e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 660 TCTTCTCGAGCTTGGC 677
   ||||| ||||| ||||| |||
Db 18 TCTTCTCGAGCTTGC 1

RESULT 249
```

```
US-10-061-201-1115
; Sequence 1115, Application US/10061201
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 1115
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-1115

Query Match 3.6%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 744 GTAGGTCCTCCAGGTC 759
   ||||| ||||| ||||| |||
Db 2 GTAGGGGCCAGGTC 17

RESULT 250
US-10-061-201-1117
; Sequence 1117, Application US/10061201
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
```

```
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 1117
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-1117

Query Match      3.6%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 745 TAGGTCCTCCAGGCTCC 760
Db 1 TAGGGGCGCCAGGCTCC 16

RESULT 251
US-10-303-778-15663/c
; Sequence 15663, Application US/10303778
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL
; FILE REFERENCE: 47487
; CURRENT FILING DATE: 2002-11-26
; NUMBER OF SEQ ID NOS: 17608
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 15663
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-303-778-15663

Query Match      3.6%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 778 AGGGCGGCCCTCTGG 793
Db 16 AGGGCGGCCCTCTGG 1

RESULT 252
US-10-188-30369/c
; Sequence 30369, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL
; FILE REFERENCE: 47487
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 30369
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-30369

Query Match      3.6%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 778 AGGGCGGCCCTCTGG 793
Db 16 AGGGCGGCCCTCTGG 1

RESULT 253
US-10-310-188-30369/c
; Sequence 30369, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL
; FILE REFERENCE: 47487
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 30369
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-30369

Query Match      3.6%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 778 AGGGCGGCCCTCTGG 793
Db 16 AGGGCGGCCCTCTGG 1

RESULT 254
US-10-422-588-1/c
; Sequence 1, Application US/10422588
; GENERAL INFORMATION:
; APPLICANT: Maile, Laura A.
; TITLE OF INVENTION: METHOD FOR INHIBITING CELLULAR ACTIVATION BY INSULIN-LIKE GROWTH
; FILE REFERENCE: 5470.389
; CURRENT FILING DATE: 2003-04-24
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide primer
US-10-422-588-1

Query Match      3.6%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 830 TCTCTTTCTCTCTG 845
Db 16 TCTCTTTCTCTCTG 1

RESULT 255
US-10-310-188-81610/c
; Sequence 81610, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL
; FILE REFERENCE: 47487
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 81610
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-81610

Query Match      3.6%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 830 TCTCTTTCTCTCTG 845
Db 16 TCTCTTTCTCTCTG 1

RESULT 256
US-60-328-205-1115
; Sequence 1115, Application US/60328205
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: ACOMICA-26
; CURRENT FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 1115
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-60-328-205-1115

Query Match      3.6%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 679 GACCCCGCCGCCACA 694
Db 17 GACCCCGCCGCCACA 2

RESULT 257
US-60-328-205-1115
; Sequence 1115, Application US/60328205
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: ACOMICA-26
; CURRENT FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 1115
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-60-328-205-1115

Query Match      3.6%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 679 GACCCCGCCGCCACA 694
Db 17 GACCCCGCCGCCACA 2
```

```
Query Match          3.6%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 744 GTAGGTCCTCCAGGGTC 759
DB 2 GTAGGGCCCGAGGGTC 17

RESULT 256
US-60-328-205-1117
; Sequence 1117, Application US/60328205
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: AEOMICA-26
; CURRENT APPLICATION NUMBER: US/60/328,205
; CURRENT FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 1117
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-60-328-205-1117

Query Match          3.6%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 745 TAGGTCCTCCAGGGTCC 760
DB 1 TAGGGCCCGAGGGTCC 16

RESULT 257
US-10-310-188-27135/c
; Sequence 27135, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENES
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 27135
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-27135

Query Match          3.6%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 1.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 581 CTTTGTCTCTCTCTCTT 596
DB 17 CTTTGTCTCTCTCTT 2

RESULT 258
US-60-216-745-6966
; Sequence 6966, Application US/60216745
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; APPLICANT: Abderrahim, Hadi
; APPLICANT: Dufauré-Gare, Isabelle
; TITLE OF INVENTION: BIALLELIC MARKER MAPS FOR USE IN CONSTRUCTING A HIGH DENSITY...
; FILE REFERENCE: 84.US1.PRO
```

```
; CURRENT APPLICATION NUMBER: US/60/216,745
; CURRENT FILING DATE: 2000-06-30
; NUMBER OF SEQ ID NOS: 13665
; SOFTWARE: Patent.pm
; SEQ ID NO 6966
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-39175 for SEQ 2435,
US-60-216-745-6966

Query Match          3.6%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 1.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 830 TCTCTCTCTCTCTCTG 845
DB 3 TCTCTCTCTCTCTG 18

RESULT 259
US-08-965-620-1082
; Sequence 1082, Application US/08965620
; GENERAL INFORMATION:
; APPLICANT: Lander, Eric S.
; APPLICANT: Wang, David
; APPLICANT: Hudson, Thomas
; TITLE OF INVENTION: Biallelic Markers
; NUMBER OF SEQUENCES: 3817
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: HAMILTON, BROOK, SMITH & REYNOLDS, P.C.
; STREET: Two Militia Drive
; CITY: Lexington
; STATE: MA
; COUNTRY: USA
; ZIP: 02173
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows 95
; SOFTWARE: FastSeq for Windows Version 2.0b
; CURRENT APPLICATION DATA: US/08/965,620
; FILING DATE: 06-NOV-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/030,455
; FILING DATE: 06-NOV-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Granahan, Patricia
; REGISTRATION NUMBER: 32,227
; REFERENCE/DOCKET NUMBER: WH196-10pa (DUP)
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 781-861-6240
; TELEFAX: 781-861-9540
; TELEX:
; INFORMATION FOR SEQ ID NO: 1082:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-965-620-1082

Query Match          3.6%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 1.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 706 AGCGAGTCCCGAGGAGA 721
DB 1 AGCGAGTCCCGAGGAGA 1
```



```
Db      3  AGCGAGTCCAGGAGA 18

RESULT 260
PCT-US99-23205-446/c
; Sequence 446, Application PC/TUS9923205
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; APPLICANT: Isis Pharmaceuticals, Inc.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-
; FILE REFERENCE: ISPH-0409
; CURRENT APPLICATION NUMBER: PCT/US99/23205
; CURRENT FILING DATE: 1999-10-05
; EARLIER APPLICATION NUMBER: 09/313,932
; EARLIER FILING DATE: 1999-05-18
; EARLIER APPLICATION NUMBER: 09/166,168
; EARLIER FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 501
; SEQ ID NO 446
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
PCT-US99-23205-446

Query Match      3.6%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      564  CTCCTCCCGACCAAG 579
Db      19  CTCCTACGACCAAG 4

RESULT 261
US-09-514-000-8881
; Sequence 8881, Application US/09514000
; GENERAL INFORMATION:
; APPLICANT: Hinkle, Gregory J.
; APPLICANT: Slater, Steven C.
; TITLE OF INVENTION: Agrobacterium tumefaciens Genome Sequences and Uses Thereof
; FILE REFERENCE: 38-10(15490)B
; CURRENT APPLICATION NUMBER: US/09/514,000
; CURRENT FILING DATE: 2000-02-23
; NUMBER OF SEQ ID NOS: 15034
; SEQ ID NO 8881
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Agrobacterium tumefaciens
US-09-514-000-8881

Query Match      3.6%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      769  CCACTTCTGAGGCGAG 784
Db      2  CCACTTCTGAGGACAG 17

RESULT 262
US-09-749-728B-58/c
; Sequence 58, Application US/09749728B
; GENERAL INFORMATION:
; APPLICANT: Umezawa, Akhiro
; APPLICANT: Hata, Jun-Ichi
; APPLICANT: Fukuda, Keiichi
; APPLICANT: Ogawa, Satoshi
; APPLICANT: Sakurada, Kazuhiro

; APPLICANT: Gojo, Satoshi
; APPLICANT: Yamada, Yoji
; TITLE OF INVENTION: THE CELL HAVING THE POTENTIALITY OF DIFFERENTIATION INTO CARDIOMYOC
; FILE REFERENCE: 00766.000043
; CURRENT APPLICATION NUMBER: US/09/749,728B
; CURRENT FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: H11-372826
; PRIOR FILING DATE: 1999-12-28
; PRIOR APPLICATION NUMBER: PCT-JP00-01148
; PRIOR FILING DATE: 2000-02-28
; PRIOR APPLICATION NUMBER: PCT-JP00-07741
; PRIOR FILING DATE: 2000-11-02
; NUMBER OF SEQ ID NOS: 80
; SOFTWARE: PatentIn Ver.2.0
; SEQ ID NO 58
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: artificially synthesized prime
US-09-749-728B-58

Query Match      3.6%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      597  CTACAACACAGAGTAC 612
Db      19  CTACAACACAGATTAC 4

RESULT 263
US-09-824-322B-446/c
; Sequence 446, Application US/09824322B
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-ALP
; TITLE OF INVENTION: ALPHA) EXPRESSION
; FILE REFERENCE: ISPH-0501
; CURRENT APPLICATION NUMBER: US/09/824,322B
; CURRENT FILING DATE: 2001-04-02
; PRIOR APPLICATION NUMBER: US 09/313,932
; PRIOR FILING DATE: 1999-05-18
; PRIOR APPLICATION NUMBER: US 09/166,186
; PRIOR FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 503
; SEQ ID NO 446
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-824-322B-446

Query Match      3.6%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      564  CTCCTCCCGACCAAG 579
Db      19  CTCCTACGACCAAG 4

RESULT 264
US-09-986-381-6
; Sequence 6, Application US/09986381
; GENERAL INFORMATION:
; APPLICANT: Sommer, Steven S.
; APPLICANT: Liu, Qiang
; APPLICANT: Heinmoller, Ernst
```

; TITLE OF INVENTION: MEASUREMENT OF MUTATION LOAD USING THE p53 GENE IN
; FILE REFERENCE: 1954-360
; CURRENT APPLICATION NUMBER: US/09/986,381
; CURRENT FILING DATE: 2001-11-08
; PRIOR APPLICATION NUMBER: 60/246,582
; PRIOR FILING DATE: 2000-11-08
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 6
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer for
; OTHER INFORMATION: Sequencing
US-09-986-381-6

Query Match 3.6%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 754 AGGGTCCCTAGGCCTC 769
| | | | |
Db 1 AGGGTCCCGAGGCCTC 16

RESULT 265
PCT-US03-04123-446/c
; Sequence 446, Application US/10647918
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-ALPHA
; FILE REFERENCE: ISPH-0501
; CURRENT APPLICATION NUMBER: US/10/647,918
; CURRENT FILING DATE: 2003-08-26
; PRIOR APPLICATION NUMBER: US/09/824,322B
; PRIOR FILING DATE: 2001-04-02
; PRIOR APPLICATION NUMBER: US 09/313,932
; PRIOR FILING DATE: 1999-05-18
; PRIOR APPLICATION NUMBER: US 09/166,186
; PRIOR FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 503
; SEQ ID NO 446
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-647-918-446

Query Match 3.6%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 564 CTCCTCCCGAGCCAAAG 579
| | | | |
Db 19 CTCCTACCAGCCAAAG 4

RESULT 266
US-10-652-795-446/c
; Sequence 446, Application US/10652795
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-ALPHA

; TITLE OF INVENTION: ALPHA) EXPRESSION
; FILE REFERENCE: ISPH-0501
; CURRENT APPLICATION NUMBER: US/10/652,795
; CURRENT FILING DATE: 2003-08-29
; PRIOR APPLICATION NUMBER: US/09/824,322B
; PRIOR FILING DATE: 2001-04-02
; PRIOR APPLICATION NUMBER: US 09/313,932
; PRIOR FILING DATE: 1999-05-18
; PRIOR APPLICATION NUMBER: US 09/166,186
; PRIOR FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 503
; SEQ ID NO 446
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-652-795-446

Query Match 3.6%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 564 CTCCTCCCGAGCCAAAG 579
| | | | |
Db 19 CTCCTACCAGCCAAAG 4

RESULT 267
PCT-US03-04123-150/c
; Sequence 150, Application PC/TUS0304123
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; APPLICANT: Usman, Nassim
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Protein Tyrosine
; TITLE OF INVENTION: Phosphatase-1B (PTP-1B) Gene Expression Using Short Interfering
; FILE REFERENCE: 02-738-A (400/082)
; CURRENT APPLICATION NUMBER: PCT/US03/04123
; CURRENT FILING DATE: 2003-04-24
; PRIOR APPLICATION NUMBER: US 10/206,705
; PRIOR FILING DATE: 2002-07-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 422
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 150
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siRNA sense r
PCT-US03-04123-150

Query Match 3.6%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 2.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 803 CTCCTCCCAACTCAGGGT 821

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; OTHER INFORMATION: Small interfering RNA
PCT-US03-16651-376

Query Match          3.6%; Score 14.2; DB 1; Length 19;
Best Local Similarity 57.9%; Pred. No. 2.1e+02;
Matches 11; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 803 CTCCTCTCCAACTCAGGTT 821
Db 1 CUCUCUCCAAUACAGGU 19

RESULT 268
PCT-US03-04123-335
; Sequence 335, Application PC/TUS0304123
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; APPLICANT: Usman, Nassim
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Protein Tyrosine
; TITLE OF INVENTION: Phosphatase-1B (PTP-1B) Gene Expression Using Short Interfering
; TITLE OF INVENTION: Nucleic Acid (siNA)
; FILE REFERENCE: 02-738-A (400/082)
; CURRENT APPLICATION NUMBER: PCT/US03/04123
; CURRENT FILING DATE: 2003-04-24
; PRIOR APPLICATION NUMBER: US 10/206,705
; PRIOR FILING DATE: 2002-07-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 422
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 335
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
PCT-US03-04123-335

Query Match          3.6%; Score 14.2; DB 1; Length 19;
Best Local Similarity 57.9%; Pred. No. 2.1e+02;
Matches 11; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 803 CTCCTCTCCAACTCAGGTT 821
Db 1 CUCUCUCCAAUACAGGU 19

RESULT 269
PCT-US03-16651-376
; Sequence 376, Application PC/TUS0316651
; GENERAL INFORMATION:
; APPLICANT: Ceptyr, Inc.
; APPLICANT: Lewis, Stephen Patrick
; APPLICANT: Klinghoffer, Richard
; APPLICANT: Wilson, Linda K.
; TITLE OF INVENTION: MODULATION OF PTP1B SIGNAL TRANSDUCTION
; TITLE OF INVENTION: BY RNA INTERFERENCE
; FILE REFERENCE: 200125.441PC
; CURRENT APPLICATION NUMBER: PCT/US03/16651
; CURRENT FILING DATE: 2003-05-23
; NUMBER OF SEQ ID NOS: 599
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 376
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense r
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; OTHER INFORMATION: Small interfering RNA
PCT-US03-16651-376

Query Match          3.6%; Score 14.2; DB 1; Length 19;
Best Local Similarity 63.2%; Pred. No. 2.1e+02;
Matches 12; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 793 GTGCCAAGAGCTCTCTCC 811
Db 1 GUGCAAGGAGCUCUUCUCC 19

RESULT 270
US-09-508-159A-29/c
; Sequence 29, Application US/09508159A
; GENERAL INFORMATION:
; APPLICANT: Okhravi, Narciss
; APPLICANT: Lightman, Susan
; APPLICANT: Adamson, Peter
; TITLE OF INVENTION: Diagnosis of Ocular Pathogens
; FILE REFERENCE: GJP-40
; CURRENT APPLICATION NUMBER: US/09/508,159A
; CURRENT FILING DATE: 2000-03-07
; PRIOR APPLICATION NUMBER: PCT/GB98/02705
; PRIOR FILING DATE: 1998-09-08
; PRIOR APPLICATION NUMBER: GB 9719044.1
; PRIOR FILING DATE: 1997-09-08
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn Ver 2.0
; SEQ ID NO 29
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Acanthamoeba
; US-09-508-159A-29

Query Match          3.6%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 2.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 549 GGCCTCCCGAGGAGCTCC 567
Db 19 GGCCTCCCGTGGGAGCTCC 1

RESULT 271
US-10-206-705-150/c
; Sequence 150, Application US/10206705
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Protein Tyrosine Phosphat
; TITLE OF INVENTION: (PTP-1B) Gene Expression using Short Interfering RNA
; FILE REFERENCE: 900/035 (MEHB02-738)
; CURRENT APPLICATION NUMBER: US/10/206,705
; CURRENT FILING DATE: 2002-07-26
; NUMBER OF SEQ ID NOS: 388
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 150
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense r
US-10-206-705-150

Query Match          3.6%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 2.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 803 CTCCTCTCCAACTCAGGTT 821
Db 19 CTCCTCTCCAAATCAGGTT 1
```

```

; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 335
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: sRNA antisense region
US-10-206-705A-335

Query Match          3.6%; Score 14.2; DB 1; Length 19;
Best Local Similarity 57.9%; Pred. No. 2.1e+02;
Matches 11; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY      803 CTCTCCTCCAACTCAGGT 821
       |:|:|||||:|:|:
Db       1 CUCUCUCCAAAUCAACGGU 19

RESULT 275
US-10-310-188-33247/c
; Sequence 33247, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENES
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 33247
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-33247

Query Match          3.6%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 2.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      875 GTTTCCTGAGATGCACCTTA 893
       |||||:|||||:|:|:|:
Db       1 19 CTTACTCGAAATGCACTTA 1

RESULT 276
US-10-444-925-376
; Sequence 376, Application US/10444925
; GENERAL INFORMATION:
; APPLICANT: Lewis, Stephen Patrick
; APPLICANT: Klinghoffer, Richard
; APPLICANT: Wilson, Linda K.
; TITLE OF INVENTION: MODULATION OF PTP1B SIGNAL TRANSDUCTION
; FILE REFERENCE: 200125.441
; CURRENT APPLICATION NUMBER: US/10/444,925
; CURRENT FILING DATE: 2003-05-23
; NUMBER OF SEQ ID NOS: 599
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 376
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Small interfering RNA
US-10-444-925-376

Query Match          3.6%; Score 14.2; DB 1; Length 19;
Best Local Similarity 63.2%; Pred. No. 2.1e+02;
Matches 12; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY      793 GTGCCAAGAGCTCTCTCC 811
       |:|:|||||:|:|:|:|:|:

```

```
Db 1 GUGCAGGAGCUUCUCC 19
; TITLE OF INVENTION: ANTISENSE MODULATION OF HEPSPIN EXPRESSION
; FILE REFERENCE: RTSP-0229
; CURRENT APPLICATION NUMBER: PCT/US01/48431
; CURRENT FILING DATE: 2001-12-14
; PRIOR APPLICATION NUMBER: 09/742,703
; PRIOR FILING DATE: 2000-12-20
; NUMBER OF SEQ ID NOS: 49
; SEQ ID NO 13
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
PCT-US01-48431-13
Query Match 3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 674 TGGCGGACCCCGAGGCCA 692
||||| ||||| ||||| |||||
Db 1 TGGCTGACCTCTCTGGGCCA 19

RESULT 280
PCT-US03-20865-3376/c
; Sequence 3376, Application PC/TUS0320865
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corporation
; TITLE OF INVENTION: ANTISENSE MODULATION OF LRHI EXPRESSION
; FILE REFERENCE: 01190/1/PCT
; CURRENT APPLICATION NUMBER: PCT/US03/20865
; CURRENT FILING DATE: 2003-07-01
; PRIOR APPLICATION NUMBER: 60/392,813
; PRIOR FILING DATE: 2002-07-01
; NUMBER OF SEQ ID NOS: 3450
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3376
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human LRHI antisense
PCT-US03-20865-3376
Query Match 3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 643 TAAGTCACAGACCTCAGTC 661
||||| ||||| ||||| |||||
Db 19 TAAGTCATAGACCAAGTC 1

RESULT 281
PCT-US03-20865-3383/c
; Sequence 3383, Application PC/TUS0320865
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corporation
; TITLE OF INVENTION: ANTISENSE MODULATION OF LRHI EXPRESSION
; FILE REFERENCE: 01190/1/PCT
; CURRENT APPLICATION NUMBER: PCT/US03/20865
; CURRENT FILING DATE: 2003-07-01
; PRIOR APPLICATION NUMBER: 60/392,813
; PRIOR FILING DATE: 2002-07-01
; NUMBER OF SEQ ID NOS: 3450
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3383
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial

Db 1 GUGCAGGAGCUUCUCC 19
; TITLE OF INVENTION: ANTISENSE MODULATION OF HEPSPIN EXPRESSION
; FILE REFERENCE: RTSP-0229
; CURRENT APPLICATION NUMBER: PCT/US01/48431
; CURRENT FILING DATE: 2001-12-14
; PRIOR APPLICATION NUMBER: 09/742,703
; PRIOR FILING DATE: 2000-12-20
; NUMBER OF SEQ ID NOS: 49
; SEQ ID NO 13
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
PCT-US01-48431-13
Query Match 3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 803 CTCCTCTCCCAACTCAGGGT 821
||||| ||||| ||||| |||||
Db 2 CTCAGCTCCATCTCAGGGT 20

RESULT 278
PCT-US01-48341A-13
; Sequence 13, Application PC/TUS0148341A
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF HEPSPIN EXPRESSION
; FILE REFERENCE: RTSP-0228
; CURRENT APPLICATION NUMBER: PCT/US01/48341A
; CURRENT FILING DATE: 2002-08-15
; PRIOR APPLICATION NUMBER: 09/742,482
; PRIOR FILING DATE: 2000-12-20
; NUMBER OF SEQ ID NOS: 49
; SEQ ID NO 13
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
PCT-US01-48341A-13
Query Match 3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 674 TGGCGGACCCCGAGGCCA 692
||||| ||||| ||||| |||||
Db 1 TGGCTGACCTCTCTGGGCCA 19

RESULT 279
PCT-US01-48431-13
; Sequence 13, Application PC/TUS0148431
; GENERAL INFORMATION:
; APPLICANT: Patrick Allen Marcotte
; APPLICANT: Lex M. Cowsett
; APPLICANT: Isis Pharmaceuticals, Inc.
; APPLICANT: Abbott Laboratories
```

FEATURE:
; OTHER INFORMATION: Human LRH1 antisense
PCT-US03-20865-3383

Query Match 3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 644 AAGTCACAGCCTCAGTCT 662
Db 20 AAGTCATAGACCAAGTCT 2

RESULT 282
PCT-US03-30374-846/c
; Sequence 846, Application PC/TUS0330374
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/PCT
; CURRENT APPLICATION NUMBER: PCT/US03/30374
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 846
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human Gfat antisense
PCT-US03-30374-846

Query Match 3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 592 TTTTCTACACACAGACT 610
Db 20 TTTTCTACACACAGACT 2

RESULT 283
PCT-US03-30374-922/c
; Sequence 922, Application PC/TUS0330374
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/PCT
; CURRENT APPLICATION NUMBER: PCT/US03/30374
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 922
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human Gfat antisense
PCT-US03-30374-922

Query Match 3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 592 TTTTCTACACACAGACT 610

Db 19 TTTTCTCAACACAGACT 1

RESULT 284
PCT-US97-12955-18/c
; Sequence 18, Application PC/TUS9712955
; GENERAL INFORMATION:
; APPLICANT: VAKHARIA, Vikram N.
; APPLICANT: MUNDT, Egbert
; TITLE OF INVENTION: A METHOD FOR GENERATING BIRNAVIRUS FROM
; TITLE OF INVENTION: SYNTHETIC RNA TRANSCRIPTS
; NUMBER OF SEQUENCES: 34
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NIKAIIDO, MARCELSTEIN, MURRAY & ORAM LLP
; STREET: 655 Fifteenth Street, N. W.,
; STREET: Suite 330 - G Street Lobby
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20005-5701
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US97/12955
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: KITTS, Monica C.
; REGISTRATION NUMBER: 36,105
; REFERENCE/DOCKET NUMBER: P8172-6002
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202/638-5000
; TELEFAX: 202/638-4810
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
PCT-US97-12955-18

Query Match 3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 602 ACACAGAGTACTGACTCTG 620
Db 19 AGACGGAGTACTGCTCTG 1

RESULT 285
US-08-721-612B-15
; Sequence 15, Application US/08721612B
; GENERAL INFORMATION:
; APPLICANT: Mueller, John P.
; Evans, Mark J.
; Mueller, Eileen Elliott
; Rollins, Scott
; Rother, Russell P.
; Matis, Louis A.
; TITLE OF INVENTION: Porcine Cell Interaction Proteins
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seth A. Fidel, Alexion Pharmaceuticals
; STREET: 25 Science Park, Suite 360
; CITY: New Haven
; STATE: Connecticut
; COUNTRY: USA

```

;
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (203) 776-1790
; TELEFAX: (203) 772-3655
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; MOLECULE TYPE: Other nucleic acid
; DESCRIPTION: primer for VCAM probe
; SEQUENCE DESCRIPTION: SEQ ID NO: 15:
US-08-721-612C-15

Query Match 3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels

QY 587 TTCTGTTTTTCTACACAC 605
DBD 1 TTCTGTGTTCTACAAGAC 19

RESULT 287
US-08-721-612D-15
; Sequence 15, Application US/08721612D
; GENERAL INFORMATION:
; APPLICANT: Mueller, John P.
; Evans, Mark J.
; Mueller, Eileen Elliott
; Rollins, Scott
; Rother, Russell P.
; Matis, Louis A.
; TITLE OF INVENTION: Porcine VCAM-Binding Antibodies
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Mark Farber, Alexion Pharmaceuticals
; STREET: 352 Knottter Drive
; CITY: Cheshire
; STATE: Connecticut
; COUNTRY: USA
; ZIP: 06410
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.4MB storage
; COMPUTER: Dell Latitude
; OPERATING SYSTEM: Windows 2000
; SOFTWARE: MICROSOFT WORD 2000
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/721,612D
; FILING DATE: 26-Sep-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/004489
; FILING DATE: 28-SEPTEMBER-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Mark Farber
; REGISTRATION NUMBER: 34159
; REFERENCE/DOCKET NUMBER: ALX-25
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (203) 272-2596
; TELEFAX: (203) 271-8195
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; MOLECULE TYPE: Other nucleic acid
; DESCRIPTION: primer for VCAM probe
; SEQUENCE DESCRIPTION: SEQ ID NO: 15:
US-08-721-612D-15

Query Match 3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.2e+02;

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Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 587 TTCTGTTTCTTACACAC 605
DB 1 TTCTGTGCTTCTACAGAC 19

RESULT 288
US-08-721-612E-15
; Sequence 15, Application US/08721612E
; GENERAL INFORMATION:
; APPLICANT: Mueller, John P.
; Evans, Mark J.
; Mueller, Bileen Ellicott
; Rollins, Scott
; Rother, Russell P.
; Matis, Louis A.
; TITLE OF INVENTION: Porcine VCM-Binding Antibodies
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Mark Farber, Alexion Pharmaceuticals
; STREET: 352 Knott Drive
; CITY: Cheshire
; STATE: Connecticut
; COUNTRY: USA
; ZIP: 06410
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.4Mb storage
; COMPUTER: Dell Latitude
; OPERATING SYSTEM: Windows 2000
; SOFTWARE: MICROSOFT WORD 2000
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/721.612E
; FILING DATE: 26-Sep-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/004489
; FILING DATE: 28-SEPTEMBER-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Mark Farber
; REGISTRATION NUMBER: 34159
; REFERENCE/DOCKET NUMBER: ALX-25
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (203) 272-2596
; TELEFAX: (203) 271-8195
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; MOLECULE TYPE: Other nucleic acid
; DESCRIPTION: primer for VCM probe
; SEQUENCE DESCRIPTION: SEQ ID NO: 15:
US-08-721-612E-15
Query Match 3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 587 TTCTGTTTCTTACACAC 605
DB 1 TTCTGTGCTTCTACAGAC 19

RESULT 289
US-09-135-309-6
; Sequence 6, Application US/09135309
; GENERAL INFORMATION:
; APPLICANT: Christgau, Stephan
; APPLICANT: Kofod, Lene Venke
; APPLICANT: Andersen, Iene Nonboe
; APPLICANT: Kauppinen, Sakari
; APPLICANT: Heldt-Hansen, Hans P
; TITLE OF INVENTION: AN ENZYME EXHIBITING MANNANASE ACTIVITY
; NUMBER OF SEQUENCES: 15
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Novo Nordisk of North America, Inc.
; STREET: 405 Lexington Avenue, 64th Floor
; CITY: New York
; STATE: New York
; COUNTRY: United States of America
; ZIP: 10174-6401
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/135,309
; FILING DATE: 17-August-1998
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Gregg, Valeta A.
; REGISTRATION NUMBER: 35,127
; REFERENCE/DOCKET NUMBER: 4004.214-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-867-0123
; TELEFAX: 212-878-9655
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-135-309-6
Query Match 3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 542 GCTCTAGGCTCCGCCAGC 560
DB 1 GCTCTCAGCTCGCCAGC 19

RESULT 290
US-09-446-024-22/c
; Sequence 22, Application US/09446024
; GENERAL INFORMATION:
; APPLICANT: BESEME, Frederic
; APPLICANT: BLOND, Jean-Luc
; APPLICANT: BOUTON, Olivier
; APPLICANT: MANDRAND, Bernard
; APPLICANT: MALLET, Francois
; APPLICANT: PERON, Herve
; TITLE OF INVENTION: ENDOGENETIC RETROVIRAL SEQUENCES, ASSOCIATED WITH AUTOIMMUNE DISEASES
; FILE REFERENCE: 105045
; CURRENT APPLICATION NUMBER: US/09/446,024
; CURRENT FILING DATE: 2001-05-29
; PRIOR APPLICATION NUMBER: PCT/FR98/01442
; PRIOR FILING DATE: 1998-07-06
; PRIOR APPLICATION NUMBER: FR 97/08815
; PRIOR FILING DATE: 1997-07-07
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 22
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primers or probe
; US-09-446-024-22
Query Match 3.6%; Score 14.2; DB 1; Length 20;

```


Best Local Similarity 84.2%; Pred. No. 2.2e+02; Indels 0; Gaps 0;
 Matches 16; Conservative 0; Mismatches 3;

QY 734 ATAGGACTTGGTAGGTCC 752
 Db 19 AAATGACTGGTAGGTCC 1

RESULT 291
 US-09-446-024A-22/c
 ; Sequence 22, Application US/09446024A
 ; GENERAL INFORMATION:
 ; APPLICANT: BESEME, Frederic
 ; APPLICANT: BLOND, Jean-Luc
 ; APPLICANT: BOUTON, Olivier
 ; APPLICANT: MANDRAND, Bernard
 ; APPLICANT: MALLET, Francois
 ; APPLICANT: PERRON, Hervé
 ; TITLE OF INVENTION: ENDOGENETIC RETROVIRAL SEQUENCES, ASSOCIATED WITH AUTOIMMUNE DIS-
 ; FILE REFERENCE: 105045
 ; CURRENT APPLICATION NUMBER: US/09/446,024A
 ; CURRENT FILING DATE: 1999-12-16
 ; PRIOR APPLICATION NUMBER: PCT/FR98/01442
 ; PRIOR FILING DATE: 1998-07-06
 ; PRIOR APPLICATION NUMBER: FR 97/08815
 ; PRIOR FILING DATE: 1997-07-07
 ; NUMBER OF SEQ ID NOS: 53
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 22
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: PCR primer or probe
 US-09-446-024A-22

Query Match 3.6%; Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2%; Pred. No. 2.2e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 734 ATAGGACTTGGTAGGTCC 752
 Db 19 AAATGACTGGTAGGTCC 1

RESULT 292
 US-09-507-209-68
 ; Sequence 68, Application US/09507209
 ; GENERAL INFORMATION:
 ; APPLICANT: Valenzuela, Darío
 ; APPLICANT: Yuan, Olive
 ; APPLICANT: Hoffman, Heidi
 ; APPLICANT: Hall, Jeff
 ; APPLICANT: Rapiejko, Peter
 ; TITLE OF INVENTION: SECRETED PROTEINS AND POLYNUCLEOTIDES ENCODING THEM
 ; FILE REFERENCE: GI 6918X
 ; CURRENT APPLICATION NUMBER: US/09/507,209
 ; CURRENT FILING DATE: 2000-02-18
 ; NUMBER OF SEQ ID NOS: 101
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 68
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: oligonucleotide
 US-09-507-209-68

Query Match 3.6%; Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2%; Pred. No. 2.2e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 803 CTCTCTCCCACTCAGGT 821
 Db 2 CTCAGCTCCATCTCAGGT 20

RESULT 293
 US-09-611-526-4281/c
 ; Sequence 4281, Application US/09611526
 ; GENERAL INFORMATION:
 ; APPLICANT: OYA, TOSHIO
 ; APPLICANT: NISHIKAWA, TETSUO
 ; APPLICANT: ISOGAI, TAKAO
 ; APPLICANT: HAYASHI, KOJI
 ; APPLICANT: ISHII, SHIZUKO
 ; APPLICANT: KAWAI, YURI
 ; APPLICANT: WAKAMATSU, AI
 ; APPLICANT: SUGIYAMA, TOMOYASU
 ; APPLICANT: NAGAI, KEIICHI
 ; APPLICANT: KOJIMA, SHINICHI
 ; APPLICANT: OTSUKI, TETSUJI
 ; APPLICANT: KOGA, HISASHI
 ; TITLE OF INVENTION: PRIMERS FOR SYNTHESIS OF FULL LENGTH CDNAS
 ; FILE REFERENCE: 08335/0122
 ; CURRENT APPLICATION NUMBER: US/09/611,526
 ; CURRENT FILING DATE: 2000-07-07
 ; PRIOR APPLICATION NUMBER: JP 1999-194486
 ; PRIOR FILING DATE: 1999-07-08
 ; PRIOR APPLICATION NUMBER: JP 2000-118774
 ; PRIOR FILING DATE: 2000-01-11
 ; PRIOR APPLICATION NUMBER: JP 2000-183765
 ; PRIOR FILING DATE: 2000-05-02
 ; NUMBER OF SEQ ID NOS: 4484
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 4281
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: Primer
 US-09-611-526-4281

Query Match 3.6%; Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2%; Pred. No. 2.2e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 825 CTCTGCTCTTTCTCTC 843
 Db 19 CTTTGTCTATTTCTTCCC 1

RESULT 294
 US-09-742-482-13
 ; Sequence 13, Application US/09742482
 ; GENERAL INFORMATION:
 ; APPLICANT: Lex M. Cowsett
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HEPESIN EXPRESSION
 ; FILE REFERENCE: RTS-0229
 ; CURRENT APPLICATION NUMBER: US/09/742,482
 ; CURRENT FILING DATE: 2000-12-20
 ; NUMBER OF SEQ ID NOS: 49
 ; SEQ ID NO 13
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 US-09-742-482-13

Query Match 3.6%; Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2%; Pred. No. 2.2e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```
QY 674 TGGCGGACCCCGGCGCA 692
Db 1 TGGCTGACCTCTCTGGGCA 19

RESULT 295
US-09-759-287A-2
; Sequence 2, Application US/09759287A
; GENERAL INFORMATION:
; APPLICANT: The Board of Regents of the University of Nebraska
; TITLE OF INVENTION: IDENTIFICATION OF VIRULENCE DETERMINANTS
; FILE REFERENCE: UNL 2999.1
; CURRENT APPLICATION NUMBER: US/09759,287A
; CURRENT FILING DATE: 2001-01-11
; PRIOR APPLICATION NUMBER: US 60/175,433
; PRIOR FILING DATE: 2000-01-11
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (..)
; OTHER INFORMATION: Primer
US-09-759-287A-2

Query Match 3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 684 CCAGGCGCACACTTACCC 702
Db 2 CCAGGCGCACACTGCCCC 20

RESULT 296
US-10-176-277-15/c
; Sequence 15, Application US/10176277
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF CENTROMERE PROTEIN B EXPRESSION
; FILE REFERENCE: HTS-0022
; CURRENT APPLICATION NUMBER: US/10/176,277
; CURRENT FILING DATE: 2002-06-18
; NUMBER OF SEQ ID NOS: 77
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-176-277-15

Query Match 3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 861 CTCGAGTTGGAACACTTTC 879
Db 20 CTCGAGTTGGAACAGATC 2

RESULT 297
US-10-176-277-52
; Sequence 52, Application US/10176277
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF CENTROMERE PROTEIN B EXPRESSION
; FILE REFERENCE: HTS-0022
```

```
; CURRENT APPLICATION NUMBER: US/10/176,277
; CURRENT FILING DATE: 2002-06-18
; NUMBER OF SEQ ID NOS: 77
; SEQ ID NO 52
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-176-277-52

Query Match 3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 861 CTCGAGTTGGAACACTTTC 879
Db 1 CTCGAGTTGGAACAGATC 19

RESULT 298
US-10-206-406A-1/c
; Sequence 1, Application US/10206406A
; GENERAL INFORMATION:
; APPLICANT: Pont-Kingdon, Genevieve
; APPLICANT: Lyon, Elaine
; TITLE OF INVENTION: Methods for Identifying Chromosomal Aneuploidy
; FILE REFERENCE: 20099 NP
; CURRENT APPLICATION NUMBER: US/10/206,406A
; CURRENT FILING DATE: 2002-07-26
; PRIOR APPLICATION NUMBER: US 06/307,969
; PRIOR FILING DATE: 2001-07-26
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 1
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: primer bind
; OTHER INFORMATION: Forward primer sequence used in PCR
US-10-206-406A-1

Query Match 3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 804 TCTCTCCCAACTCAGGTTT 822
Db 19 TCTCTCCCACTGCGTTT 1

RESULT 299
US-10-298-123-35
; Sequence 35, Application US/10298123
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF PROTEIN KINASE D2 EXPRESSION
; FILE REFERENCE: HTS-0050
; CURRENT APPLICATION NUMBER: US/10/298,123
; CURRENT FILING DATE: 2002-11-16
; NUMBER OF SEQ ID NOS: 76
; SEQ ID NO 35
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-298-123-35

Query Match 3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 779 GGCAGCCCTCTGCTGCC 797
Db 2 GAGCAGCACCTCGGGTGCC 20

; OTHER INFORMATION: Antisense Oligonucleotide
US-10-316-242-36

Query Match 3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

RESULT 300
US-10-298-123-66/c
; Sequence 66, Application US/10298123
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF PROTEIN KINASE D2 EXPRESSION
; FILE REFERENCE: HTS-0050
; CURRENT APPLICATION NUMBER: US/10/298,123
; CURRENT FILING DATE: 2002-11-16
; NUMBER OF SEQ ID NOS: 76
; SEQ ID NO 66
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-298-123-66

Query Match 3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 779 GGCAGCCCTCTGCTGCC 797
Db 19 GAGCAGCACCTCGGGTGCC 1

RESULT 301
US-10-303-778-6651/c
; Sequence 651, Application US/10303778
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATICAALLY DETECTABLE GROUP OF NOVEL VIRAL
; TITLE OF INVENTION: REGULATORY GENES AND USES THEREOF
; FILE REFERENCE: 47416
; CURRENT APPLICATION NUMBER: US/10/303,778
; CURRENT FILING DATE: 2002-11-26
; NUMBER OF SEQ ID NOS: 17608
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6651
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
US-10-303-778-6651

Query Match 3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 826 TGTCCTCTTTCTCTCT 844
Db 20 TGTCCTCTCTCTCTTT 2

RESULT 302
US-10-316-242-36
; Sequence 36, Application US/10316242
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF MD-1 RP105-ASSOCIATED EXPRESSION
; FILE REFERENCE: HTS-0446
; CURRENT APPLICATION NUMBER: US/10/316,242
; CURRENT FILING DATE: 2002-12-09
; NUMBER OF SEQ ID NOS: 64
; SEQ ID NO 36
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:

QY 634 AGAGGCTCCTAAGTCACAG 652
Db 2 AGAGGCTCCTAGAAACAG 20

; OTHER INFORMATION: Antisense Oligonucleotide
US-10-317-270-59/c
; Sequence 59, Application US/10317270
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Tamara Balac Sipes
; TITLE OF INVENTION: MODULATION OF ZINEDIN EXPRESSION
; FILE REFERENCE: RTS-0479
; CURRENT APPLICATION NUMBER: US/10/317,270
; CURRENT FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 160
; SEQ ID NO 59
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-317-270-59

Query Match 3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 814 CTCAGGTTGGCTGTCT 832
Db 19 CCCAGTTGGCTGTGGCT 1

RESULT 304
US-10-317-270-132
; Sequence 132, Application US/10317270
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Tamara Balac Sipes
; TITLE OF INVENTION: MODULATION OF ZINEDIN EXPRESSION
; FILE REFERENCE: RTS-0479
; CURRENT APPLICATION NUMBER: US/10/317,270
; CURRENT FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 160
; SEQ ID NO 132
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-317-270-132

Query Match 3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 814 CTCAGGTTGGCTGTCT 832
Db 2 CCCAGTTGGCTGTGGCT 20

RESULT 305
US-10-671-395-846/c
; Sequence 846, Application US/10671395
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
```

; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 846
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-846

Query Match 3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 592 TTTTCTACACACAGAGT 610
Db 20 TTTTTCACACACAGAGT 2

RESULT 306
US-10-671-395-922/c
; Sequence 922, Application US/10671395
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 922
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-922

Query Match 3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 592 TTTTCTACACACAGAGT 610
Db 19 TTTTTCACACACAGAGT 1

RESULT 307
US-60-216-745-11123/c
; Sequence 11123, Application US/60216745
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilva
; APPLICANT: Abderrahim, Hadi
; APPLICANT: Dufaire-Gare, Isabelle
; TITLE OF INVENTION: BIALUELIC MARKER MAPS FOR USE IN CONSTRUCTING A HIGH DENSITY...
; FILE REFERENCE: 84.USA.PRO
; CURRENT APPLICATION NUMBER: US/60/216,745
; CURRENT FILING DATE: 2000-06-30
; NUMBER OF SEQ ID NOS: 13665
; SOFTWARE: Patent.pm

; SEQ ID NO 11123
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20_bind
; OTHER INFORMATION: downstream amplification primer 99-35540 for SEQ 2061, in complem
US-60-216-745-11123

Query Match 3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 585 TGTCTCTTTTCTACAC 603
Db 19 TCTACTGTCTCTTCTACAC 1

RESULT 308
US-09-000-004A-5/c
; Sequence 5, Application US/09000004A
; GENERAL INFORMATION:
; APPLICANT: Tsilibary, Photini-Effie
; APPLICANT: Charonis, Aristidis S.
; APPLICANT: Setty, Suman
; APPLICANT: Mauer, Michael
; TITLE OF INVENTION: ANALYSIS OF ALPHA INTEGRINS FOR THE DIAGNOSIS OF DIABETIC NEPHROP
; FILE REFERENCE: 600.314USWO
; CURRENT APPLICATION NUMBER: US/09/000,004A
; CURRENT FILING DATE: 2001-06-19
; PRIOR APPLICATION NUMBER: US 60/001,387
; PRIOR FILING DATE: 1995-07-21
; PRIOR APPLICATION NUMBER: US 60/001,861
; PRIOR FILING DATE: 1995-08-03
; PRIOR APPLICATION NUMBER: US 60/016,700
; PRIOR FILING DATE: 1996-05-02
; PRIOR APPLICATION NUMBER: PCT/US96/12067
; PRIOR FILING DATE: 1996-07-19
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic probe
US-09-000-004A-5

Query Match 3.5%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 718 GAGAGTGACTCTGG 731
Db 14 GAGAGTGACTCTGG 1

RESULT 309
PCT-US02-16840-5640
; Sequence 5640, Application PC/TUS0216840
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; TITLE OF INVENTION: RAS, HER2 and HIV
; FILE REFERENCE: 400/046 (MBHB02-326)
; CURRENT APPLICATION NUMBER: PCT/US02/16840
; CURRENT FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; PRIOR APPLICATION NUMBER: US 60/296,249
; PRIOR FILING DATE: 2001-06-06

```

; PRIOR APPLICATION NUMBER: US 60/294,140
; PRIOR FILING DATE: 2001-05-29
; NUMBER OF SEQ ID NOS: 6810
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5640
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
PCT-US02-16840-5640

Query Match          3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 17.6%; Pred. No. 2.1e+02;
Matches 3; Conservative 12; Mismatches 2; Indels 0; Gaps 0;

QY 583 TTTGTTCTGTTTCTA 599
DB 1 UUUGUUUUUUUUUUUA 17

RESULT 310
PCT-US02-16840A-5640
; Sequence 5640, Application PC/TUS0216840A
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE OF INVENTION: RAS, HER2 and HIV
; FILE REFERENCE: 400/046 (MBH02-326)
; CURRENT APPLICATION NUMBER: PCT/US02/16840A
; CURRENT FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; PRIOR APPLICATION NUMBER: US 60/296,249
; PRIOR FILING DATE: 2001-06-06
; PRIOR APPLICATION NUMBER: US 60/294,140
; PRIOR FILING DATE: 2001-05-29
; NUMBER OF SEQ ID NOS: 6810
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5640
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
PCT-US02-16840A-5640

Query Match          3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 17.6%; Pred. No. 2.1e+02;
Matches 3; Conservative 12; Mismatches 2; Indels 0; Gaps 0;

QY 583 TTTGTTCTGTTTCTA 599
DB 1 UUUGUUUUUUUUUUUA 17

RESULT 311
US-08-435-632-1573
; Sequence 1573, Application US/08435632
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,632
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1573:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-632-1573

Query Match          3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 2.1e+02;
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 799 AGAGCTCTCTCCAACT 815
DB 1 AAAGCUCUCUGGAACU 17

RESULT 312
US-08-777-920-1573
; Sequence 1573, Application US/08777920
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
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APPLICATION NUMBER: US/08/777,920
FILING DATE: 23-DEC-1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1573:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-777-920-1573

Query Match 3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 2.1e+02;
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 799 AGAGTCTCTCTCAACT 815
DB 1 AAAGCUCUCUGAAGU 17

RESULT 313
US-09-531-025A-733
Sequence 733, Application US/09531025A
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Draper, Ken
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
APPLICANT: Morrissey, Dave
TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
FILE REFERENCE: MBH00-845-E (247/277)
CURRENT APPLICATION NUMBER: US/09/531,025A
CURRENT FILING DATE: 2000-03-20
PRIOR APPLICATION NUMBER: US 07/882,712
PRIOR FILING DATE: 1992-05-14
PRIOR APPLICATION NUMBER: US 08/193,627
PRIOR FILING DATE: 1994-02-07
PRIOR APPLICATION NUMBER: US 08/433,993
PRIOR FILING DATE: 1995-05-04
PRIOR APPLICATION NUMBER: US 08/434,504
PRIOR FILING DATE: 1995-05-04
PRIOR APPLICATION NUMBER: US 09/436,430
PRIOR FILING DATE: 1999-11-08
NUMBER OF SEQ ID NOS: 6341
SOFTWARE: PatentIn version 3.0
SEQ ID NO 733
LENGTH: 17
TYPE: RNA
ORGANISM: Hepatitis B virus
US-09-531-025A-733

Query Match 3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 2.1e+02;
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 605 CAGAGTACTGACTGTGC 621
DB 1 CAGAAUACUCUCUGCC 17

RESULT 314
US-09-531-025A-1579
Sequence 1579, Application US/09531025A
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Draper, Ken
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
APPLICANT: Morrissey, Dave
TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
FILE REFERENCE: MBH00-845-E (247/277)
CURRENT APPLICATION NUMBER: US/09/531,025A
CURRENT FILING DATE: 2000-03-20
PRIOR APPLICATION NUMBER: US 07/882,712
PRIOR FILING DATE: 1992-05-14
PRIOR APPLICATION NUMBER: US 08/193,627
PRIOR FILING DATE: 1994-02-07
PRIOR APPLICATION NUMBER: US 08/433,993
PRIOR FILING DATE: 1995-05-04
PRIOR APPLICATION NUMBER: US 08/434,504
PRIOR FILING DATE: 1995-05-04
PRIOR APPLICATION NUMBER: US 09/436,430
PRIOR FILING DATE: 1999-11-08
NUMBER OF SEQ ID NOS: 6341
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1579
LENGTH: 17
TYPE: RNA
ORGANISM: Hepatitis B virus
US-09-531-025A-1579

Query Match 3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 2.1e+02;
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 606 AGAGTACTGACTGTGC 622
DB 1 AGAAUACUCUCUGCC 17

RESULT 315
US-09-636-385-733
Sequence 733, Application US/09636385
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Draper, Kenneth
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
APPLICANT: Morrissey, Dave
TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
FILE REFERENCE: MBH00-845-F (250/125)
CURRENT APPLICATION NUMBER: US/09/636,385
CURRENT FILING DATE: 2000-08-09
PRIOR APPLICATION NUMBER: US 07/882,712
PRIOR FILING DATE: 1992-05-14
PRIOR APPLICATION NUMBER: US 09/531,025
PRIOR FILING DATE: 2000-03-20
PRIOR APPLICATION NUMBER: US 08/193,627
PRIOR FILING DATE: 1994-02-07
PRIOR APPLICATION NUMBER: US 09/436,430
PRIOR FILING DATE: 1999-11-08
NUMBER OF SEQ ID NOS: 6341
SOFTWARE: PatentIn version 3.0
SEQ ID NO 733
LENGTH: 17
TYPE: RNA
ORGANISM: Hepatitis B virus
US-09-636-385-733

US-09-636-385-733

Query Match 3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 2.1e+02;
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 605 CAGAGTACTGACTGTCGC 621
||||:||||:||||:
Db 1 CAGAAUACUGUCUCGCC 17

RESULT 316

US-09-636-385-1579
; Sequence 1579, Application US/09636385
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MBH00-845-F (250/125)
; CURRENT APPLICATION NUMBER: US/09/636,385
; CURRENT FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6341
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 1579
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B Virus
US-09-636-385-1579

Query Match 3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 2.1e+02;
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 606 ACAGTACTGACTGTCGC 622
||||:||||:||||:
Db 1 AGAAUACUGUCUCGCC 17

RESULT 317

US-09-696-347-733
; Sequence 733, Application US/09696347
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Ken
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: 400/001
; CURRENT APPLICATION NUMBER: US/09/696,347
; CURRENT FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504

; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6389
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 733
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B Virus
US-09-696-347-733

Query Match 3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 2.1e+02;
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 605 CAGAGTACTGACTGTCGC 621
||||:||||:||||:
Db 1 CAGAAUACUGUCUCGCC 17

RESULT 318

US-09-696-347-1579
; Sequence 1579, Application US/09696347
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Ken
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: 400/001
; CURRENT APPLICATION NUMBER: US/09/696,347
; CURRENT FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6389
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 1579
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B Virus
US-09-696-347-1579

Query Match 3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 2.1e+02;
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 606 ACAGTACTGACTGTCGC 622
||||:||||:||||:
Db 1 AGAAUACUGUCUCGCC 17

RESULT 319

US-09-825-805-558
; Sequence 558, Application US/09825805
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic

```

; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotides
; FILE REFERENCE: MBH00-831-F (400/009)
; CURRENT APPLICATION NUMBER: US/09/825,805
; CURRENT FILING DATE: 2001-09-27
; PRIOR APPLICATION NUMBER: 09/578,223
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 09/476,387
; PRIOR FILING DATE: 1999-12-30
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1558
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 558
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-825-805-558

Query Match      3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 17.6%; Pred. No. 2.1e+02;
Matches 3; Conservative 12; Mismatches 2; Indels 0; Gaps 0;

QY 583 TTGTTCTGTTTTCTA 599
Db 1 UTUGUUUUUUUUUA 17

RESULT 320
US-09-848-754A-3386/c
; Sequence 3386, Application US/09848754A
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Growth Factor Receptors
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3386
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-848-754A-3386

Query Match      3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 17.6%; Pred. No. 2.1e+02;
Matches 3; Conservative 12; Mismatches 2; Indels 0; Gaps 0;

QY 583 TTGTTCTGTTTTCTA 599
Db 1 UTUGUUUUUUUUUA 17

RESULT 320
US-09-848-754A-3386/c
; Sequence 3386, Application US/09848754A
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Growth Factor Receptors
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3386
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-848-754A-3386

Query Match      3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 677 CGGACCCCGGGGCC 693
Db 17 CCGATCCCGGGGCC 1

RESULT 321
US-09-848-754A-3387/c
; Sequence 3387, Application US/09848754A
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Growth Factor Receptors
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A

```

```

; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3387
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-848-754A-3387

Query Match      3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 676 GCGACCCCGGGGCC 692
Db 17 GCGATCCCGGGGCC 1

RESULT 322
US-09-848-754A-3388/c
; Sequence 3388, Application US/09848754A
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Growth Factor Receptors
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3388
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-848-754A-3388

Query Match      3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 675 GCGACCCCGGGGCC 691
Db 17 GCGATCCCGGGGCC 1

RESULT 323
US-09-877-478-733
; Sequence 733, Application US/09877478
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MBH00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430

```


647 TCACAGACCTCAGTCTT 663

```

; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-29766

Query Match 3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 826 TGTGTCCTCTTTCTCT 842
Db 1 TGTGTGTAATTTCTCT 17

RESULT 331
US-10-310-188-67124
; Sequence 67124, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 67124
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-67124

Query Match 3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 596 TCTACAACACACAGTAC 612
Db 1 TCTGCAACACACAGTAC 17

RESULT 332
US-10-342-902-733
; Sequence 733, Application US/10342902
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Draber, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: 400/075 (MHB00-845-I)
; CURRENT APPLICATION NUMBER: US/10/342,902
; CURRENT FILING DATE: 2003-01-15
; PRIOR APPLICATION NUMBER: US 09/877,478
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6592
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 733
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus

; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-163-552-985

Query Match 3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 17.6%; Pred. No. 2.1e+02;
Matches 3; Conservative 12; Mismatches 2; Indels 0; Gaps 0;

QY 583 TTTGTCCTCTTTCTTA 599
Db 1 UUUGUUUUUUUUUUUA 17

RESULT 329
US-10-303-778-15561
; Sequence 15561, Application US/10303778
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL
; FILE REFERENCE: 47416
; CURRENT APPLICATION NUMBER: US/10/303,778
; CURRENT FILING DATE: 2002-11-26
; NUMBER OF SEQ ID NOS: 17608
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 15561
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-303-778-15561

Query Match 3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 826 TGTGTCCTCTTTCTCT 842
Db 1 TGTGTGTAATTTCTCT 17

RESULT 330
US-10-310-188-29766
; Sequence 29766, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 29766
; LENGTH: 17
```

```
US-10-342-902-733
Query Match          3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 2.1e+02;
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 605 CAGAGTACTGACTGCG 621
DB 1 CAGAAUACUGUCUCUGC 17
|||||:||||:||||:||||:
|||:||||:||||:||||:

RESULT 333
US-10-342-902-1579
; Sequence 1579, Application US/10342902
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: 400/075 (MBH00-845-I)
; CURRENT APPLICATION NUMBER: US/10/342,902
; CURRENT FILING DATE: 2003-01-15
; PRIOR APPLICATION NUMBER: US 09/877,478
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6592
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1579
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-10-342-902-1579

Query Match          3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 2.1e+02;
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 606 AGAGTACTGACTGCG 622
DB 1 AGAAUACUGUCUCUGC 17
|||||:||||:||||:||||:
|||:||||:||||:||||:

RESULT 334
US-10-471-271-3089
; Sequence 3089, Application US/10471271
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: Chowrira, Bharat
; APPLICANT: Haeblerli, Peter
; APPLICANT: Fosnaugh, Kathy
; TITLE OF INVENTION: Modulation of Gene Expression Associated with Inflammation Prolif
; FILE REFERENCE: MBH 02-258-PCT (400/045)
; CURRENT APPLICATION NUMBER: US/10/471,271
; CURRENT FILING DATE: 2003-09-05
; PRIOR APPLICATION NUMBER: 60/181,797
; PRIOR FILING DATE: 2000-02-11
; PRIOR APPLICATION NUMBER: 09/780,533
; PRIOR FILING DATE: 2001-02-09
```

```
US-10-471-271-3089
; Sequence 3089, Application US/10471271
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: Chowrira, Bharat
; APPLICANT: Haeblerli, Peter
; APPLICANT: Fosnaugh, Kathy
; TITLE OF INVENTION: Modulation of Gene Expression Associated with Inflammation Prolif
; FILE REFERENCE: MBH 02-258-PCT (400/045)
; CURRENT APPLICATION NUMBER: US/10/471,271
; CURRENT FILING DATE: 2003-09-05
; PRIOR APPLICATION NUMBER: 60/181,797
; PRIOR FILING DATE: 2000-02-11
; PRIOR APPLICATION NUMBER: 09/780,533
; PRIOR FILING DATE: 2001-02-09

Query Match          3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 2.1e+02;
Matches 10; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 647 TCACAGACCTCAGTCTT 663
DB 1 UCAUAGACCUUAGUCUU 17
|||||:||||:||||:||||:
|||:||||:||||:||||:

RESULT 335
US-10-669-841-733
; Sequence 733, Application US/10669841
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Lawrence, Blatt
; APPLICANT: Dennis, Macejak
; APPLICANT: James, McSwiggen
; APPLICANT: David, Morrissey
; APPLICANT: Pamela, Pavco
; APPLICANT: Patrice, Lee
; APPLICANT: Kenneth, Draper
; APPLICANT: Elisabeth, Roberts
; TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEPA
; FILE REFERENCE: 400/042US (MBH02-249-E)
; CURRENT APPLICATION NUMBER: US/10/669,841
; CURRENT FILING DATE: 2003-09-23
; PRIOR APPLICATION NUMBER: PCT/US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 60/335,059
; PRIOR FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: US 60/337,055
; PRIOR FILING DATE: 2001-12-05
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 09/817,879
; PRIOR FILING DATE: 2001-03-26
; PRIOR APPLICATION NUMBER: US 09/740,332
; PRIOR FILING DATE: 2000-12-18
; PRIOR APPLICATION NUMBER: US 09/611,931
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: US 09/504,321
; PRIOR FILING DATE: 2000-02-15
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 16207
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 733
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B Virus
US-10-669-841-733

Query Match          3.5%; Score 13.8; DB 1; Length 17;
```

```
Best Local Similarity 64.7%; Pred. No. 2.1e+02;
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 605 CAGAGTACTGACTCTGCC 621
Db 1 CAGAAUACUGUCUGGCC 17

RESULT 336
US-10-669-841-1579
; Sequence 1579, Application US/10669841
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Lawrence, Blatt
; APPLICANT: Dennis, Macejak
; APPLICANT: James, McSwiggan
; APPLICANT: David, Morrissey
; APPLICANT: Pamela, Pavco
; APPLICANT: Patricia, Lee
; APPLICANT: Kenneth, Draper
; APPLICANT: Elisabeth, Roberts
; TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEP
; FILE REFERENCE: 400/042US (MHB02-249-E)
; CURRENT APPLICATION NUMBER: US/10/669,841
; CURRENT FILING DATE: 2003-09-23
; PRIOR APPLICATION NUMBER: PCT/US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 60/335,059
; PRIOR FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: US 60/337,055
; PRIOR FILING DATE: 2001-12-05
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 09/817,879
; PRIOR FILING DATE: 2001-03-26
; PRIOR APPLICATION NUMBER: US 09/740,332
; PRIOR FILING DATE: 2000-12-18
; PRIOR APPLICATION NUMBER: US 09/611,931
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: US 09/504,321
; PRIOR FILING DATE: 2000-02-15
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 16207
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1579
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B Virus
US-10-669-841-1579

Query Match 3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 2.1e+02;
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 606 AGAGTACTGACTCTGCC 622
Db 1 AGAAUACUGUCUGGCC 17

RESULT 337
US-10-675-685-618/c
; Sequence 618, Application US/10675685
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: PB0114
; CURRENT APPLICATION NUMBER: US/10/675,685
; CURRENT FILING DATE: 2003-09-30
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 619
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-675-685-619

Query Match 3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 543 CTCCTAGGCGCTCCCGCA 558
Db 17 GCTTCTATGCGCTCCCGCA 1

RESULT 338
US-10-675-685-619/c
; Sequence 619, Application US/10675685
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: PB0114
; CURRENT APPLICATION NUMBER: US/10/675,685
; CURRENT FILING DATE: 2003-09-30
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 619
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-675-685-619

Query Match 3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 542 GCTCCTAGGCGCTCCCGCA 558
Db 17 GCTTCTATGCGCTCCCGCA 1

RESULT 339
US-10-723-361-911
; Sequence 911, Application US/10723361
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
```

;; PRIOR FILING DATE: 2000-10-04
;; PRIOR APPLICATION NUMBER: US 60/236,359
;; PRIOR FILING DATE: 2000-09-27
;; PRIOR APPLICATION NUMBER: PCT/US01/00666
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00667
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00664
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00669
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00665
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00668
;; PRIOR FILING DATE: 2001-01-30
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 15755
;; SOFTWARE: Acomica Sequence Listing Engine
;; SEQ ID NO 911
;; LENGTH: 17
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-10-723-361-911

Query Match 3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 678 GGACCCCGGGGCACA 694
Db 1 GGACCCCGGGGCACA 17

RESULT 340

US-10-724-270-5640
;; Sequence 5640, Application US/10724270
;; GENERAL INFORMATION:
;; APPLICANT: McSwiggen, James
;; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
;; TITLE OF INVENTION: RAS, HER2 and HIV
;; FILE REFERENCE: 400/046-US (MEHB02-326-A)
;; CURRENT APPLICATION NUMBER: US/10/724,270
;; CURRENT FILING DATE: 2003-11-26
;; PRIOR APPLICATION NUMBER: PCT/US02/16840
;; PRIOR FILING DATE: 2002-05-29
;; PRIOR APPLICATION NUMBER: US 60/318,471
;; PRIOR FILING DATE: 2001-09-10
;; PRIOR APPLICATION NUMBER: US 60/296,249
;; PRIOR FILING DATE: 2001-06-06
;; PRIOR APPLICATION NUMBER: US 60/294,140
;; PRIOR FILING DATE: 2001-05-29
;; PRIOR APPLICATION NUMBER: US 10/238,700
;; PRIOR FILING DATE: 2002-09-10
;; PRIOR APPLICATION NUMBER: US 10/163,552
;; PRIOR FILING DATE: 2002-06-06
;; PRIOR APPLICATION NUMBER: US 10/157,580
;; PRIOR FILING DATE: 2002-05-29
;; PRIOR APPLICATION NUMBER: US 10/693,059
;; PRIOR FILING DATE: 2002-10-23
;; PRIOR APPLICATION NUMBER: US 10/444,853
;; PRIOR FILING DATE: 2003-05-23
;; PRIOR APPLICATION NUMBER: US 10/417,012
;; PRIOR FILING DATE: 2003-04-16
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 6810
;; SOFTWARE: PatentIn version 3.0
;; SEQ ID NO 5640
;; LENGTH: 17
;; TYPE: RNA
;; ORGANISM: Homo sapiens
US-10-724-270-5640

Query Match 3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 17.6%; Pred. No. 2.1e+02;
Matches 3; Conservative 12; Mismatches 2; Indels 0; Gaps 0;
QY 583 TTTGTTCTGTTTTCTA 599
Db 1 UUGUUGUUGUUGUUA 17

RESULT 341

US-08-168-920E-24
;; Sequence 24, Application US/08168920E
;; GENERAL INFORMATION:
;; APPLICANT: Derivan, Peter B.
;; APPLICANT: Beal, Peter A.
;; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TRIPLE-HELIX FORMATION
;; FILE REFERENCE: A-56557-3
;; CURRENT APPLICATION NUMBER: US/08/168,920E
;; CURRENT FILING DATE: 1993-12-16
;; PRIOR APPLICATION NUMBER: 07/946,976
;; PRIOR FILING DATE: 1992-09-17
;; NUMBER OF SEQ ID NOS: 128
;; SOFTWARE: PatentIn Ver. 2.0
;; SEQ ID NO 24
;; LENGTH: 18
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
;; NAME/KEY: misc_feature
;; LOCATION: (1)
;; OTHER INFORMATION: T at position 1 = thymidine-EDTA.
;; NAME/KEY: misc_feature
;; LOCATION: (4)
;; OTHER INFORMATION: d at position 4, and 11 = D2 as defined on page 34
;; OTHER INFORMATION: of the specification.
US-08-168-920E-24

Query Match 3.5%; Score 13.8; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 2.2e+02;
Matches 14; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 582 TTTGTTCTGTTTTCT 598
Db 2 TTTGTTCTGTTTTCT 18

RESULT 342

US-09-864-426A-693
;; Sequence 693, Application US/09864426A
;; GENERAL INFORMATION:
;; APPLICANT: Third Wave Technologies
;; APPLICANT: Ma, Wu Po
;; APPLICANT: Lyamichev, Victor
;; APPLICANT: Saiser, Michael
;; TITLE OF INVENTION: Enzymes for the Detection of RNA Sequences
;; FILE REFERENCE: FORS-04946
;; CURRENT APPLICATION NUMBER: US/09/864,426A
;; CURRENT FILING DATE: 2001-05-24
;; NUMBER OF SEQ ID NOS: 2640
;; SOFTWARE: PatentIn version 3.0
;; SEQ ID NO 693
;; LENGTH: 18
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Synthetic
US-09-864-426A-693

Query Match 3.5%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

[illegible]

```

/ APPLICANT: Chehak, LuAnne
/ APPLICANT: Curtis, Michelle L.
/ APPLICANT: Eis, Peggy S.
/ APPLICANT: Hall, Jeff G.
/ APPLICANT: Ip, Hon S.
/ APPLICANT: Ji, Lin
/ APPLICANT: Kaiser, Michael
/ APPLICANT: Kwiatkowski, Jr., Robert W.
/ APPLICANT: Lukowiak, Andrew A.
/ APPLICANT: Lyamichiev, Victor
/ APPLICANT: Lymaicheva, Natalie E.
/ APPLICANT: Ma, WuPo
/ APPLICANT: Neri, Bruce P.
/ APPLICANT: Olson, Sarah M.
/ APPLICANT: Olson-Munoz, Marilyn C.
/ APPLICANT: Schaefer, James J.
/ APPLICANT: Skrzypczynski, Zbigniew
/ APPLICANT: Takova, Tsetska Y.
/ APPLICANT: Thompson, Lisa C.
/ APPLICANT: Vedvik, Kevin L.
/ TITLE OF INVENTION: RNA Detection Assays
/ FILE REFERENCE: FORS-06666
/ CURRENT APPLICATION NUMBER: US/10/084,839
/ CURRENT FILING DATE: 2002-02-26
/ NUMBER OF SEQ ID NOS: 4004
/ SOFTWARE: Patent in version 3.1
/ SEQ ID NO 1687
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic
US-10-084-839-1687

Query Match          3 5%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 554 CCCACGCGAGTCTCTCC 570
      ||||| ||||| |||||
Db 2 CCCATCGATCTCTCC 18

RESULT 350
US-10-084-839-1694
/ Sequence 1694, Application US/10084839
/ GENERAL INFORMATION:
/ APPLICANT: Third Wave Technologies
/ APPLICANT: Allawi, Hatim
/ APPLICANT: Argue, Brad T.
/ APPLICANT: Bartholomay, Christian T.
/ APPLICANT: Chehak, LuAnne
/ APPLICANT: Curtis, Michelle L.
/ APPLICANT: Eis, Peggy S.
/ APPLICANT: Hall, Jeff G.
/ APPLICANT: Ip, Hon S.
/ APPLICANT: Ji, Lin
/ APPLICANT: Kaiser, Michael
/ APPLICANT: Kwiatkowski, Jr., Robert W.
/ APPLICANT: Lukowiak, Andrew A.
/ APPLICANT: Lyamichiev, Victor
/ APPLICANT: Lymaicheva, Natalie E.
/ APPLICANT: Ma, WuPo
/ APPLICANT: Neri, Bruce P.
/ APPLICANT: Olson, Sarah M.
/ APPLICANT: Olson-Munoz, Marilyn C.
/ APPLICANT: Schaefer, James J.
/ APPLICANT: Skrzypczynski, Zbigniew
/ APPLICANT: Takova, Tsetska Y.
/ APPLICANT: Thompson, Lisa C.
/ APPLICANT: Vedvik, Kevin L.
/ TITLE OF INVENTION: RNA Detection Assays
/ FILE REFERENCE: FORS-06666

```

; CURRENT APPLICATION NUMBER: US/10/084,839
; CURRENT FILING DATE: 2002-02-26
; NUMBER OF SEQ ID NOS: 4004
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1694
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-084-839-1694

Query Match 3.5%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 554 CCCACGAGCTCTCC 570
| | | | | | | | | | | | | | | | | |
DB 2 CCCACGAGCTCTCC 18

RESULT 351

US-10-303-778-11357/c
; Sequence 11357, Application US/10303778
; GENERAL INFORMATION:

; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL
; TITLE OF INVENTION: REGULATORY GENES AND USES THEREOF
; FILE REFERENCE: 47416

; CURRENT APPLICATION NUMBER: US/10/303,778
; CURRENT FILING DATE: 2002-11-26
; NUMBER OF SEQ ID NOS: 17608
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 11357
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens

US-10-303-778-11357

Query Match 3.5%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 897 GCATCTCTCTCAGCT 903
| | | | | | | | | | | | | | | | | |
DB 18 GCATCTCTCTCAGCT 2

RESULT 352

US-10-310-188-31057
; Sequence 31057, Application US/10310188
; GENERAL INFORMATION:

; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE
; TITLE OF INVENTION: USES THEREOF
; FILE REFERENCE: 47487

; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 31057
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens

US-10-310-188-31057

Query Match 3.5%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 526 TTTCACATCTCTCTG 542
| | | | | | | | | | | | | | | | | |
DB 2 TTTCACATCTCTCTG 18

RESULT 353

US-10-310-188-32714
; Sequence 32714, Application US/10310188
; GENERAL INFORMATION:

; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE
; TITLE OF INVENTION: USES THEREOF
; FILE REFERENCE: 47487

; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 32714
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens

US-10-310-188-32714

Query Match 3.5%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 545 CCTAGGCTCCCGCG 561
| | | | | | | | | | | | | | | | | |
DB 1 CCTAGGCTCCCGCG 17

RESULT 354

US-10-310-188-78509/c
; Sequence 78509, Application US/10310188
; GENERAL INFORMATION:

; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE
; TITLE OF INVENTION: USES THEREOF
; FILE REFERENCE: 47487

; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 78509
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens

US-10-310-188-78509

Query Match 3.5%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 551 CCTCCCGCGCGCTCC 567
| | | | | | | | | | | | | | | | | |
DB 18 CCTCCCGCGCGCTCC 2

RESULT 355

US-09-864-426A-1684
; Sequence 1684, Application US/09864426A
; GENERAL INFORMATION:

; APPLICANT: Third Wave Technologies
; APPLICANT: Ma, Wu Po
; APPLICANT: Lyamichiev, Victor
; APPLICANT: Saiser, Michael

; TITLE OF INVENTION: Enzymes for the Detection of RNA Sequences
; FILE REFERENCE: FORS-04946
; CURRENT APPLICATION NUMBER: US/09/864,426A
; CURRENT FILING DATE: 2001-05-24
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1684
; LENGTH: 19
; TYPE: DNA

US-09-864-426A-1684

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-426A-1684

Query Match 3.5%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 2.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 554 CCCACGCGAGCTCTCC 570
||||| ||| |||||
Db 1 CCCATCGATCTCTCC 17

RESULT 356
US-09-864-636A-1684
; Sequence 1684, Application US/09864636A
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allwai, Hatim
; APPLICANT: Bartholomay, Christian
; APPLICANT: Chehak, LuAnne
; TITLE OF INVENTION: Detection of RNA Sequences
; FILE REFERENCE: FORS-04944
; CURRENT APPLICATION NUMBER: US/09/864,636A
; CURRENT FILING DATE: 2002-10-15
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1684
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-636A-1684

Query Match 3.5%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 2.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 554 CCCACGCGAGCTCTCC 570
||||| ||| |||||
Db 1 CCCATCGATCTCTCC 17

RESULT 357
US-10-084-839-1684
; Sequence 1684, Application US/10084839
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allwai, Hatim
; APPLICANT: Argue, Brad T.
; APPLICANT: Bartholomay, Christian T.
; APPLICANT: Chehak, LuAnne
; APPLICANT: Curtis, Michelle L.
; APPLICANT: Ejs, Peggy S.
; APPLICANT: Hall, Jeff G.
; APPLICANT: Ip, Hon S.
; APPLICANT: Ji, Lin
; APPLICANT: Kaiser, Michael
; APPLICANT: Kwiatkowski, Jr., Robert W.
; APPLICANT: Lukowiak, Andrew A.
; APPLICANT: Lyamichev, Victor
; APPLICANT: Lymaicheva, Natalie E.
; APPLICANT: Ma, WUPO
; APPLICANT: Neri, Bruce P.
; APPLICANT: Olson, Sarah M.
; APPLICANT: Olson-Munoz, Marilyn C.
; APPLICANT: Schaefer, James J.
; APPLICANT: Skrzypczynski, Zbigniew
; APPLICANT: Takova, Tseteka Y.
; APPLICANT: Thompson, Lisa C.
; APPLICANT: Vedvik, Kevin L.

; TITLE OF INVENTION: RNA Detection Assays
; FILE REFERENCE: FORS-0666
; CURRENT APPLICATION NUMBER: US/10/084,839
; CURRENT FILING DATE: 2002-02-26
; NUMBER OF SEQ ID NOS: 4004
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1684
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-084-839-1684

Query Match 3.5%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 2.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 554 CCCACGCGAGCTCTCC 570
||||| ||| |||||
Db 1 CCCATCGATCTCTCC 17

RESULT 358
US-10-182-269A-18
; Sequence 18, Application US/10182269A
; GENERAL INFORMATION:
; APPLICANT: Shir, Alexei
; TITLE OF INVENTION: SELECTIVE KILLING OF CELLS BY ACTIVATION OF DOUBLE-STRANDED RNA
; TITLE OF INVENTION: PROTEIN KINASE-PKR
; FILE REFERENCE: 02/23757
; CURRENT APPLICATION NUMBER: US/10/182,269A
; CURRENT FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 18
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Single strand DNA oligonucleotide
US-10-182-269A-18

Query Match 3.5%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 2.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 753 CAGGGTCCCTAGGCTTC 769
||||| ||| |||||
Db 1 CAGGGTCCCTAGGCTTC 17

RESULT 359
US-10-303-778-12363/c
; Sequence 12363, Application US/10303778
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL
; TITLE OF INVENTION: REGULATORY GENES AND USES THEREOF
; FILE REFERENCE: 47416
; CURRENT APPLICATION NUMBER: US/10/303,778
; CURRENT FILING DATE: 2002-11-26
; NUMBER OF SEQ ID NOS: 17608
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 12363
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-303-778-12363

Query Match 3.5%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 2.3e+02;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 547 TAGGCTCCCCAGGAG 563
Db 19 TGGGCTCCCCAGGAC 3

RESULT 360

US-10-310-188-46011/c
; Sequence 46011, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86941
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 46011
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-46011

Query Match 3.5%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 2.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 759 CCTAGGCTCCATTC 775
Db 19 CCTAGGCTGCATTC 3

RESULT 361

US-60-216-745-4716
; Sequence 4716, Application US/60216745
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; APPLICANT: Abderrahim, Hadi
; APPLICANT: Dufauere-Gare, Isabelle
; TITLE OF INVENTION: BIALLELIC MARKER MAPS FOR USE IN CONSTRUCTING A HIGH DENSITY...
; FILE REFERENCE: 84.US1.PRO
; CURRENT APPLICATION NUMBER: US/60/216,745
; CURRENT FILING DATE: 2000-06-30
; NUMBER OF SEQ ID NOS: 13665
; SOFTWARE: Patent.pm
; SEQ ID NO 4716
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-27636 for SEQ 185,
US-60-216-745-4716

Query Match 3.5%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 2.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 824 GCTGTGCTCTTTCTT 840
Db 1 GCTGTGCTCTTTATT 17

RESULT 362

US-60-216-745-7025
; Sequence 7025, Application US/60216745
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel

; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; APPLICANT: Abderrahim, Hadi
; APPLICANT: Dufauere-Gare, Isabelle
; TITLE OF INVENTION: BIALLELIC MARKER MAPS FOR USE IN CONSTRUCTING A HIGH DENSITY...
; FILE REFERENCE: 84.US1.PRO
; CURRENT APPLICATION NUMBER: US/60/216,745
; CURRENT FILING DATE: 2000-06-30
; NUMBER OF SEQ ID NOS: 13665
; SOFTWARE: Patent.pm
; SEQ ID NO 7025
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-39951 for SEQ 2494,
US-60-216-745-7025

Query Match 3.5%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 2.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 581 CTTTGTCTCTTTTC 597
Db 2 CTTTGTCTCTTTTC 18

RESULT 363

PCT-US02-25942-7139
; Sequence 7139, Application PC/TUS0225942
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: sinorhizobium meliloti complete genome, plasmid ps
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: PCT/US02/25942
; CURRENT FILING DATE: 2002-08-27
; NUMBER OF SEQ ID NOS: 15792
; SOFTWARE: Proprietary
; SEQ ID NO 7139
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Sinorhizobium meliloti complete genome, plasmid ps
; FEATURE:
; LOCATION: (199459)...(199474)
; OTHER INFORMATION: Chromosome = 3 Strand = negative ConnectionObjectNumber = 7304
PCT-US02-25942-7139

Query Match 3.4%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 567 CTCCAGACCAAGAC 581
Db 1 CTCCAGACCAAGAC 15

RESULT 364

PCT-US02-25942-7269
; Sequence 7269, Application PC/TUS0225942
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Sinorhizobium meliloti complete genome, plasmid ps
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: PCT/US02/25942
; CURRENT FILING DATE: 2002-08-27
; NUMBER OF SEQ ID NOS: 15792
; SOFTWARE: Proprietary
; SEQ ID NO 7269
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Sinorhizobium meliloti complete genome, plasmid ps

```
; FEATURE:
; LOCATION: (240580)...(240594)
; OTHER INFORMATION: Chromosome = 3 Strand = negative ConnectronObjectNumber = 7498
PCT-US02-25942-7269

Query Match      3.4%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 567 CTCCAGACCAAGAC 581
Db 1 CTCCAGACCAAGAC 15

RESULT 365
PCT-US02-38045-4/c
; Sequence 4, Application PC/TUS0238045
; GENERAL INFORMATION:
; APPLICANT: House Ear Institute
; APPLICANT: Lim, David J.
; APPLICANT: Lee, Haa-Yung
; APPLICANT: Webster, Paul
; APPLICANT: Andalibi, Ali
; APPLICANT: Li, Jian-Dong
; APPLICANT: Ganz, Tomas
; TITLE OF INVENTION: USE OF ANTIMICROBIAL PROTEINS AND
; TITLE OF INVENTION: PEPTIDES FOR THE TREATMENT OF OTITIS MEDIA AND PARANASAL
; TITLE OF INVENTION: SINUSITIS
; FILE REFERENCE: HOUSEI.002VPC
; CURRENT APPLICATION NUMBER: PCT/US02/38045
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 09/998,547
; PRIOR FILING DATE: 2001-11-27
; PRIOR APPLICATION NUMBER: US 60/253,492
; PRIOR FILING DATE: 2000-11-28
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: Fast-SEQ for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: human lactoferrin reverse primer
PCT-US02-38045-4

Query Match      3.4%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 541 TGCTCCTAGGCTCC 555
Db 15 TGCTCCTAGGCTCC 1

RESULT 366
US-09-998-547-4/c
; Sequence 4, Application US/09998547
; GENERAL INFORMATION:
; APPLICANT: Lim, David J.
; APPLICANT: Lee, Haa-Yung
; APPLICANT: Webster, Paul
; APPLICANT: Andalibi, Ali
; APPLICANT: Li, Jian-Dong
; APPLICANT: Ganz, Tomas
; TITLE OF INVENTION: USE OF ANTIMICROBIAL PROTEINS AND
; TITLE OF INVENTION: PEPTIDES FOR THE TREATMENT OF OTITIS MEDIA AND PARANASAL
; TITLE OF INVENTION: SINUSITIS
; FILE REFERENCE: HOUSEI.002A
; CURRENT APPLICATION NUMBER: US/09/998,547
; CURRENT FILING DATE: 2001-11-21
; PRIOR APPLICATION NUMBER: 60/253,492
; PRIOR FILING DATE: 2000-11-28
; NUMBER OF SEQ ID NOS: 10
```

```
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: human lactoferrin reverse primer.
US-09-998-547-4

Query Match      3.4%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 541 TGCTCCTAGGCTCC 555
Db 15 TGCTCCTAGGCTCC 1

RESULT 367
US-10-227-567-7139
; Sequence 7139, Application US/10227567
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Sinorhizobium meliloti complete genome, plasmid ps
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/227,567
; CURRENT FILING DATE: 2002-08-16
; NUMBER OF SEQ ID NOS: 15792
; SOFTWARE: Proprietary
; SEQ ID NO 7139
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Sinorhizobium meliloti complete genome, plasmid ps
; FEATURE:
; LOCATION: (199459)...(199474)
; OTHER INFORMATION: Chromosome = 3 Strand = negative ConnectronObjectNumber = 7304
US-10-227-567-7139

Query Match      3.4%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 567 CTCCAGACCAAGAC 581
Db 1 CTCCAGACCAAGAC 15

RESULT 368
US-10-227-567-7269
; Sequence 7269, Application US/10227567
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Sinorhizobium meliloti complete genome, plasmid ps
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/227,567
; CURRENT FILING DATE: 2002-08-16
; NUMBER OF SEQ ID NOS: 15792
; SOFTWARE: Proprietary
; SEQ ID NO 7269
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Sinorhizobium meliloti complete genome, plasmid ps
; FEATURE:
; LOCATION: (240580)...(240594)
; OTHER INFORMATION: Chromosome = 3 Strand = negative ConnectronObjectNumber = 7498
US-10-227-567-7269

Query Match      3.4%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 567 CTCCAGACCAAGAC 581
Db 1 CTCCAGACCAAGAC 15
```

```
Db      1  CTCCAAGACCAAGAC 15

RESULT 369
US-10-305-275-753/c
; Sequence 753, Application US/10305275
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Aeropyrum pernix K1 complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/305,275
; CURRENT FILING DATE: 2002-11-28
; NUMBER OF SEQ ID NOS: 1617
; SOFTWARE: Proprietary
; SEQ ID NO 753
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Aeropyrum pernix K1 complete genome.
; FEATURE:
; LOCATION: (722730)...(722745)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 1089
US-10-305-275-753
Query Match      3.4%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      541 TGCTCTAGGCTCC 555
Db      15 TCCTCTAGGCTCC 1

RESULT 370
US-10-305-275-1113/c
; Sequence 1113, Application US/10305275
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Aeropyrum pernix K1 complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/305,275
; CURRENT FILING DATE: 2002-11-27
; NUMBER OF SEQ ID NOS: 1617
; SOFTWARE: Proprietary
; SEQ ID NO 1113
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Aeropyrum pernix K1 complete genome.
; FEATURE:
; LOCATION: (1037751)...(1037765)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 1585
US-10-305-275-1113
Query Match      3.4%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      541 TGCTCTAGGCTCC 555
Db      15 TCCTCTAGGCTCC 1

RESULT 371
US-10-305-275A-753/c
; Sequence 753, Application US/10305275A
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Aeropyrum pernix K1 complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/305,275A
; CURRENT FILING DATE: 2002-11-27
; NUMBER OF SEQ ID NOS: 1617
; SOFTWARE: Proprietary
; SEQ ID NO 753
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Aeropyrum pernix K1 complete genome.
; FEATURE:
; LOCATION: (1037751)...(1037765)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 1585
US-10-305-275A-753
Query Match      3.4%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      541 TGCTCTAGGCTCC 555
Db      15 TCCTCTAGGCTCC 1

RESULT 372
US-10-305-275A-1113/c
; Sequence 1113, Application US/10305275A
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Aeropyrum pernix K1 complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/305,275A
; CURRENT FILING DATE: 2002-11-27
; NUMBER OF SEQ ID NOS: 1617
; SOFTWARE: Proprietary
; SEQ ID NO 1113
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Aeropyrum pernix K1 complete genome.
; FEATURE:
; LOCATION: (1037751)...(1037765)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 1585
US-10-305-275A-1113
Query Match      3.4%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      541 TGCTCTAGGCTCC 555
Db      15 TCCTCTAGGCTCC 1

RESULT 373
US-10-367-729A-7139
; Sequence 7139, Application US/10367729A
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Sinorhizobium meliloti complete genome, plasmid pS
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/367,729A
; CURRENT FILING DATE: 2003-02-19
; NUMBER OF SEQ ID NOS: 15792
; SOFTWARE: Proprietary
; SEQ ID NO 7139
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Sinorhizobium meliloti complete genome, plasmid pS
; FEATURE:
; LOCATION: (199459)...(199474)
; OTHER INFORMATION: Chromosome = 3 Strand = negative ConnectronObjectNumber = 7304
US-10-367-729A-7139
Query Match      3.4%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      567 CTCACAGACCAAGAC 581
Db      1  CTCCAAGACCAAGAC 15
```

```
RESULT 374
US-10-367-729A-7269
; Sequence 7269, Application US/10367729A
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Sinorhizobium meliloti complete genome, plasmid ps
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/367,729A
; CURRENT FILING DATE: 2003-02-19
; NUMBER OF SEQ ID NOS: 15792
; SOFTWARE: Proprietary
; SEQ ID NO 7269
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Sinorhizobium meliloti complete genome, plasmid ps
; FEATURE:
; LOCATION: (240580)...(240594)
; OTHER INFORMATION: Chromosome = 3 Strand = negative ConnectionObjectNumber = 7498
US-10-367-729A-7269

Query Match 3.4%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 567 CTCCAGACCAAGAC 581
|||||
Db 1 CTCCAGACCAAGAC 15

RESULT 375
US-09-528-209A-8326
; Sequence 8326, Application US/09528209A
; GENERAL INFORMATION:
; APPLICANT: Agilent Technologies
; TITLE OF INVENTION: Computational Method for Constructing a Universal
; Tag-Antitag Molecular Array System for Hybridization
; TITLE OF INVENTION: Analysis
; FILE REFERENCE: 10992790
; CURRENT APPLICATION NUMBER: US/09/528,209A
; CURRENT FILING DATE: 2000-03-17
; NUMBER OF SEQ ID NOS: 10286
; SOFTWARE: Bergstrom Sequence Formatter
; SEQ ID NO 8326
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: A tag sequence incorporated in a probe nucleotide, the tag
; sequence complementary to an antitag sequence incorporated
; OTHER INFORMATION: within a universal tag-antitag molecular array
US-09-528-209A-8326

Query Match 3.4%; Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 2.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 582 TTTTGTCTGTTTT 596
|||||
Db 1 TTTTGTCTGTTTT 15

RESULT 376
US-10-287-787-9183
; Sequence 9183, Application US/10287787
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Caulobacter crescentus complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/287,787
; CURRENT FILING DATE: 2003-03-03
; NUMBER OF SEQ ID NOS: 27958
```

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; SOFTWARE: Proprietary
; SEQ ID NO 9183
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Caulobacter crescentus complete genome.
; FEATURE:
; LOCATION: (1248427)...(1248442)
; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectionObjectNumber = 10064
US-10-287-787-9183

Query Match 3.4%; Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 2.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 674 TGGCGGACCCACG 688
|||||
Db 2 TGGCGGACCCACG 16

RESULT 377
US-10-605-840-2672
; Sequence 2672, Application US/10605840
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VACCINIA REGULATORY
; FILE REFERENCE: 55027
; CURRENT APPLICATION NUMBER: US/10/605,840
; CURRENT FILING DATE: 2003-10-30
; NUMBER OF SEQ ID NOS: 3750
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2672
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-605-840-2672

Query Match 3.4%; Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 2.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 794 TGCCAGAGCTCTCC 808
|||||
Db 2 TGCCAGAGCTCTCC 16

RESULT 378
PCT-US98-10391-47
; Sequence 47, Application PC/TUS9810391
; GENERAL INFORMATION:
; APPLICANT: Gonsalves, Dennis
; APPLICANT: Meng, Baozhong
; TITLE OF INVENTION: RUPESTRIS STEM PITTING ASSOCIATED VIRUS
; TITLE OF INVENTION: NUCLEIC ACIDS, PROTEINS, AND THEIR USES
; NUMBER OF SEQUENCES: 54
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nixon, Hargrave, Devans & Doyle LLP
; STREET: Clinton Square, P.O. Box 1051
; CITY: Rochester
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 14603
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US98/10391
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/047,147
```

```
/ FILING DATE: 20-MAY-1997
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 60/069,902
/ FILING DATE: 17-DEC-1997
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Goldman, Michael L.
/ REGISTRATION NUMBER: 30,727
/ REFERENCE/DOCKET NUMBER: 19603/1722
/ TELEPHONE: (716) 263-1304
/ TELEFAX: (716) 263-1600
/ INFORMATION FOR SEQ ID NO: 47:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: cDNA
PCT-US98-10391-47

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 762 TAGGCTCCACTTCT 776
Db 1 TGGGCTCCACTTCT 15

RESULT 379
US-08-168-920E-90
/ Sequence 90, Application US/08168920E
/ GENERAL INFORMATION:
/ APPLICANT: Dervan, Peter B.
/ APPLICANT: Beal, Peter A.
/ TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TRIPLE-HELIX FORMATION
/ FILE REFERENCE: A-56557-3
/ CURRENT APPLICATION NUMBER: US/08/168,920E
/ CURRENT FILING DATE: 1993-12-16
/ PRIOR APPLICATION NUMBER: 07/946,976
/ PRIOR FILING DATE: 1992-09-17
/ NUMBER OF SEQ ID NOS: 128
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 90
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (1)
/ OTHER INFORMATION: T at position 1 = thymidine-EDTA.
/ NAME/KEY: misc_feature
/ LOCATION: (3)
/ OTHER INFORMATION: N at position 3, and 10 = d2 as defined on page 34
/ OTHER INFORMATION: of the specification.
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-08-168-920E-90

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 582 TTTTCTCTGTTTCT 598
Db 1 TTTTCTCTGTTTCT 17

RESULT 380
US-08-435-632-1575
/ Sequence 1575, Application US/08435632
/ GENERAL INFORMATION:
/ APPLICANT: Stinchcomb, Dan T.
/ APPLICANT: Draper, Kenneth
```

```

; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: Storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/777,920
; FILING DATE: 23-DEC-1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/373,124
; FILING DATE: January 13, 1995
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1575:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-777-920-1575

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. No. 2.3e+02;
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 802 GCTCTCTCTCCAACTC 816
Db 1 GCUCUCUCGACUC 15

RESULT 382
US-09-404-912-486/c
; Sequence 486, Application US/09404912
; GENERAL INFORMATION:
; APPLICANT: John Landers
; APPLICANT: David Houseman
; APPLICANT: Barbara Jordan
; APPLICANT: Alain Charest
; TITLE OF INVENTION: Methods and Products Related to Genotyping and DNA Analysis
; FILE REFERENCE: M0656/7045 (HCL/WAT)
; CURRENT APPLICATION NUMBER: US/09/404,912
; CURRENT FILING DATE: 1999-09-24
; PRIOR APPLICATION NUMBER: US 60/101,757
; PRIOR FILING DATE: 1998-09-25
; PRIOR APPLICATION NUMBER: PCT/US99/22283
; NUMBER OF SEQ ID NOS: 691
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 486
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo Sapiens
; US-09-404-912B-486

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 766 CCTCCACTTCTGAGG 780
Db 16 CCTCCGCTTCTGAGG 2

RESULT 383
US-09-404-912B-486/c
; Sequence 486, Application US/09404912B
; GENERAL INFORMATION:
; APPLICANT: John Landers
; APPLICANT: David Houseman
; APPLICANT: Barbara Jordan
; APPLICANT: Alain Charest
; TITLE OF INVENTION: Methods and Products Related to Genotyping and DNA Analysis
; FILE REFERENCE: M0656/7045 (HCL/JAV)
; CURRENT APPLICATION NUMBER: US/09/404,912B
; CURRENT FILING DATE: 1999-09-24
; PRIOR APPLICATION NUMBER: US 60/101,757
; PRIOR FILING DATE: 1998-09-25
; PRIOR APPLICATION NUMBER: PCT/US99/22283
; PRIOR FILING DATE: 1999-09-24
; NUMBER OF SEQ ID NOS: 691
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 486
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo Sapiens
; US-09-404-912B-486

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 766 CCTCCACTTCTGAGG 780
Db 16 CCTCCGCTTCTGAGG 2

RESULT 384
US-09-568-189-47
; Sequence 47, Application US/09568189
; GENERAL INFORMATION:
; APPLICANT: Gonsalves, Dennis
; APPLICANT: Meng Baozhong
; TITLE OF INVENTION: RUPESTRIS STEM FITTING ASSOCIATED VIRUS
; FILE REFERENCE: 07678/035004
; CURRENT APPLICATION NUMBER: US/09/568,189
; CURRENT FILING DATE: 2000-05-09
; PRIOR APPLICATION NUMBER: 60/047,147
; PRIOR FILING DATE: 1997-05-20
; PRIOR APPLICATION NUMBER: 60/069,902
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 09/081,320
; PRIOR FILING DATE: 1998-05-19
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 47
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic based on Rupestris stem pitting
; OTHER INFORMATION: associated virus .
```

US-09-568-189-47

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 762 TAGGCCTCCACTTCT 776
| | | | | | | | | | | | | | | | | | | | |
Db 1 TGGGCTCCACTTCT 15

RESULT 385

US-09-568-189A-47

; Sequence 47, Application US/09568189A
; GENERAL INFORMATION:
; APPLICANT: Gonsalves, Dennis
; APPLICANT: Meng, Baozhong
; TITLE OF INVENTION: RUPESTRIS STEM PITTING ASSOCIATED VIRUS
; FILE REFERENCE: 07678/035004
; CURRENT APPLICATION NUMBER: US/09/568,189A
; CURRENT FILING DATE: 2000-05-09
; PRIOR APPLICATION NUMBER: 60/047,147
; PRIOR FILING DATE: 1997-05-20
; PRIOR APPLICATION NUMBER: 60/069,902
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 09/081,320
; PRIOR FILING DATE: 1998-05-19
; NUMBER OF SEQ ID NOS: 97
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 47
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic based on Rupestris stem pitting
; OTHER INFORMATION: associated virus

US-09-568-189A-47

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 762 TAGGCCTCCACTTCT 776
| | | | | | | | | | | | | | | | | | | | |
Db 1 TGGGCTCCACTTCT 15

RESULT 386

US-09-776-474-1062/c
; Sequence 1062, Application US/09776474
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Boher, Robert
; APPLICANT: Holman, Patricia
; APPLICANT: Fattaey, Ali
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Checkpoint Kinase-1 (CHK
; FILE REFERENCE: MBHB00-955-A (400/008)
; CURRENT APPLICATION NUMBER: US/09/776,474
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,983
; PRIOR FILING DATE: 2000-03-02
; NUMBER OF SEQ ID NOS: 2992
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1062
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid

US-09-776-474-1062

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 798 AAGAGCTCTCTCCA 812
| | | | | | | | | | | | | | | | | | | | |
Db 16 AAAAGCTCTCTCCA 2

RESULT 387

US-09-818-875-787/c

; Sequence 787, Application US/09818875
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Ganser, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 787
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens

US-09-818-875-787

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 582 TTTGTTCTGTTTTT 596
| | | | | | | | | | | | | | | | | | | | |
Db 16 TTTGTTCTGTTTTT 2

RESULT 388

US-09-818-875-788
; Sequence 788, Application US/09818875
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Ganser, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 788
; LENGTH: 17
; TYPE: DNA

ORGANISM: Homo sapiens
US-09-818-875-788

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 582 TTTTGTCTCTGTTTT 596
|||:|||||:
Db 2 TTTGGTCTCTGTTTT 16

RESULT 389

US-09-827-395A-461
; Sequence 461, Application US/09827395A
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Lawrence Blatt
; APPLICANT: James McSwiggen
; APPLICANT: Bharat Chowrira
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor G
; FILE REFERENCE: MHB00-878-C (400/017)
; CURRENT APPLICATION NUMBER: US/09/827,395A
; PRIOR FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 09/780,533
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 2617
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 461
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-827-395A-461

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. No. 2.3e+02;
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 614 GACTCTGCCTGCTTC 628
|||:|||||:
Db 1 GACUCUGCCUGGCUC 15

RESULT 390

US-09-827-395A-744
; Sequence 744, Application US/09827395A
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Lawrence Blatt
; APPLICANT: James McSwiggen
; APPLICANT: Bharat Chowrira
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor G
; FILE REFERENCE: MHB00-878-C (400/017)
; CURRENT APPLICATION NUMBER: US/09/827,395A
; CURRENT FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 09/780,533
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 2617
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 744
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-827-395A-744

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. No. 2.3e+02;
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 614 GACTCTGCCTGCTTC 628
|||:|||||:
Db 3 GACUCUGCCUGGCUC 17

RESULT 391

US-09-848-754A-1328/c
; Sequence 1328, Application US/09848754A
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: MHB00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1328
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-1328

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 679 GACCCCGAGGCCAC 693
|||:|||||:
Db 17 GATCCCGAGGCCAC 3

RESULT 392

US-09-848-754A-1329/c
; Sequence 1329, Application US/09848754A
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: MHB00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1329
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-1329

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 679 GACCCCGAGGCCAC 693
|||:|||||:
Db 16 GATCCCGAGGCCAC 2

RESULT 393

US-10-061-201-1114
; Sequence 1114, Application US/10061201
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: P80178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664

QY 744 GTAGGTCCTCCAGGCT 758
Db 3 GTAGGTCCTCCAGGCT 17

RESULT 394
US-10-061-201-1118
; Sequence 1118, Application US/10061201
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 1114
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-1114

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 744 GTAGGTCCTCCAGGCT 758
Db 3 GTAGGTCCTCCAGGCT 17

RESULT 394
US-10-061-201-1118
; Sequence 1118, Application US/10061201
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 1118
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-1118

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 746 AGGTCCTCCAGGCTCC 760
Db 1 AGGTCCTCCAGGCTCC 15

RESULT 395
US-10-209-787-787/c
; Sequence 787, Application US/10209787
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 787
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-787

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 582 TTTTGTCTCTGTTTT 596
Db 16 TTTGTTCTGTTTT 2

RESULT 396
US-10-209-787-788
; Sequence 788, Application US/10209787
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 788
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-788

```
Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 582 TTTTGTCTCTGTTTT 596
Db 2 TTGGTCTCTGTTTT 16

RESULT 397
US-10-261-185-787/c
; Sequence 787, Application US/10261185
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: NaPro-4CON
; CURRENT APPLICATION NUMBER: US/10/261,185
; CURRENT FILING DATE: 2002-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/09761
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 787
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-261-185-787

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 582 TTTTGTCTCTGTTTT 596
Db 16 TTGGTCTCTGTTTT 2

RESULT 398
US-10-261-185-788
; Sequence 788, Application US/10261185
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: NaPro-4CON
; CURRENT APPLICATION NUMBER: US/10/261,185
; CURRENT FILING DATE: 2002-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/09761
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
```

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; SEQ ID NO 788
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-261-185-788

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 582 TTTTGTCTCTGTTTT 596
Db 2 TTGGTCTCTGTTTT 16

RESULT 399
US-10-310-188-34575
; Sequence 34575, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENES
; TITLE OF INVENTION: USES THEREOF
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 34575
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-34575

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 625 GTTCCTGAGAGGCG 639
Db 2 GTCCTGAGAGGCG 16

RESULT 400
US-10-310-188-43890
; Sequence 43890, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENES
; TITLE OF INVENTION: USES THEREOF
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 43890
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-43890

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 546 CTAGGCTCTCCGAGC 560
Db 2 CTGGGCTCTCCGAGC 16

RESULT 401
US-10-338-777-363
; Sequence 363, Application US/10338777
; GENERAL INFORMATION:
```

APPLICANT: Lynx Therapeutics, Inc.
APPLICANT: United States Department of Agriculture
APPLICANT: Bowen, Benjamin A
APPLICANT: Haudenschild, Christian D
APPLICANT: Buckler, Edward S
TITLE OF INVENTION: Identification of Genes Associated with Growth in Plants
FILE REFERENCE: 37-000510US
CURRENT APPLICATION NUMBER: US/10/338,777
CURRENT FILING DATE: 2003-01-07
NUMBER OF SEQ ID NOS: 405
SOFTWARE: PatentIn version 3.1
SEQ ID NO 363
LENGTH: 17
TYPE: DNA
ORGANISM: Arabidopsis thaliana
US-10-338-777-363

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 830 TCTCTTTTCTTCT 844
|||:|:|:|:|:|:|:|
Db 3 TCTCTTTTCTTCT 17

RESULT 402
US-10-430-882-461
Sequence 461, Application US/10430882
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Lawrence Blatt
APPLICANT: James McSwiggen
APPLICANT: Bharat Chowirra
APPLICANT: Peter Haerberli
TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor G
FILE REFERENCE: MBH00-878-H (400/112)
CURRENT APPLICATION NUMBER: US/10/430,882
CURRENT FILING DATE: 2003-05-06
PRIOR APPLICATION NUMBER: 09/827,395
PRIOR FILING DATE: 2001-04-05
PRIOR APPLICATION NUMBER: 09/780,533
PRIOR FILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: PCT/US01/04273
PRIOR FILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: 60/181,797
PRIOR FILING DATE: 2000-02-11
PRIOR APPLICATION NUMBER: PCT/US02/10512
PRIOR FILING DATE: 2002-04-03
NUMBER OF SEQ ID NOS: 2617
SOFTWARE: PatentIn version 3.0
SEQ ID NO 461
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-430-882-461

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. No. 2.3e+02;
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 614 GACTCTGCCTGGTTC 628
|||:|:|:|:|:|:|
Db 1 GACUCUGCCUGGCUC 15

RESULT 403
US-10-430-882-744
Sequence 744, Application US/10430882
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Lawrence Blatt
APPLICANT: James McSwiggen

APPLICANT: Bharat Chowirra
APPLICANT: Peter Haerberli
TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor G
FILE REFERENCE: MBH00-878-H (400/112)
CURRENT APPLICATION NUMBER: US/10/430,882
CURRENT FILING DATE: 2003-05-06
PRIOR APPLICATION NUMBER: 09/827,395
PRIOR FILING DATE: 2001-04-05
PRIOR APPLICATION NUMBER: 09/780,533
PRIOR FILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: PCT/US01/04273
PRIOR FILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: 60/181,797
PRIOR FILING DATE: 2000-02-11
PRIOR APPLICATION NUMBER: PCT/US02/10512
PRIOR FILING DATE: 2002-04-03
NUMBER OF SEQ ID NOS: 2617
SOFTWARE: PatentIn version 3.0
SEQ ID NO 744
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-430-882-744

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. No. 2.3e+02;
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 614 GACTCTGCCTGGTTC 628
|||:|:|:|:|:|:|
Db 3 GACUCUGCCUGGCUC 17

RESULT 404
US-10-471-271-461
Sequence 461, Application US/10471271
GENERAL INFORMATION:
APPLICANT: Blatt, Lawrence
APPLICANT: Chowirra, Bharat
APPLICANT: Haerberli, Peter
APPLICANT: McSwiggen, James
APPLICANT: Fosnaugh, Kathy
TITLE OF INVENTION: Modulation of Gene Expression Associated with Inflammation Prolif
FILE REFERENCE: MBH 02-258-PCT (400/045)
CURRENT APPLICATION NUMBER: US/10/471,271
CURRENT FILING DATE: 2003-09-05
PRIOR APPLICATION NUMBER: 60/181,797
PRIOR FILING DATE: 2000-02-11
PRIOR APPLICATION NUMBER: 09/780,533
PRIOR FILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: 09/827,395
PRIOR FILING DATE: 2001-04-05
PRIOR APPLICATION NUMBER: 60/294,412
PRIOR FILING DATE: 2001-05-29
PRIOR APPLICATION NUMBER: 60/315,315
NUMBER OF SEQ ID NOS: 13274
SOFTWARE: PatentIn version 3.0
SEQ ID NO 461
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-471-271-461

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. No. 2.3e+02;
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 614 GACTCTGCCTGGTTC 628
|||:|:~|:|:|:|:|:|
Db 1 GACUCUGCCUGGCUC 15

RESULT 405
US-10-471-271-744
; Sequence 744, Application US/10471271
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: Chowrira, Bharat
; APPLICANT: Haerberli, Peter
; APPLICANT: McSwiggen, James
; APPLICANT: Ponaugh, Kathy
; TITLE OF INVENTION: Modulation of Gene Expression Associated with Inflammation Prolif
; TITLE OF INVENTION: and Neurite Growth Using Nucleic Acid Based Technologies
; FILE REFERENCE: MBHB 02-258-PCT (400/045)
; CURRENT APPLICATION NUMBER: US/10/471,271
; CURRENT FILING DATE: 2003-09-05
; PRIOR APPLICATION NUMBER: 60/181,797
; PRIOR FILING DATE: 2000-02-11
; PRIOR APPLICATION NUMBER: 09/780,533
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 09/827,395
; PRIOR FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 60/294,412
; PRIOR FILING DATE: 2001-05-29
; PRIOR APPLICATION NUMBER: 60/315,315
; PRIOR FILING DATE: 2001-08-28
; NUMBER OF SEQ ID NOS: 13274
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 744
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-471-271-744

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. No. 2.3e+02;
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 614 GACTCTGCTGGTTC 628
|||:|:|:|:|:|:|:
Db 3 GACUCUGCCUGGCUC 17

RESULT 406
US-10-623-107-787/c
; Sequence 787, Application US/10623107
; GENERAL INFORMATION:
; APPLICANT: KMEC, ERIC B.
; TITLE OF INVENTION: TARGETED NUCLEIC ACID SEQUENCE ALTERATION USING PLURAL
; FILE REFERENCE: OLIGONUCLEOTIDES
; CURRENT APPLICATION NUMBER: US/10/623,107
; CURRENT FILING DATE: 2003-07-18
; PRIOR APPLICATION NUMBER: US 60/397,555
; PRIOR FILING DATE: 2002-07-19
; NUMBER OF SEQ ID NOS: 7046
; SOFTWARE: PatentIn ver 3.2
; SEQ ID NO 787
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-623-107-787

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 582 TTTTGTCTCTGTTTT 596
|||:|:|:|:|:|:|:
Db 16 TTTGTTCTCTGTTTT 2

RESULT 407
US-10-623-107-788

; Sequence 788, Application US/10623107
; GENERAL INFORMATION:
; APPLICANT: KMEC, ERIC B.
; TITLE OF INVENTION: TARGETED NUCLEIC ACID SEQUENCE ALTERATION USING PLURAL
; FILE REFERENCE: OLIGONUCLEOTIDES
; CURRENT APPLICATION NUMBER: US/10/623,107
; CURRENT FILING DATE: 2003-07-18
; PRIOR APPLICATION NUMBER: US 60/397,555
; PRIOR FILING DATE: 2002-07-19
; NUMBER OF SEQ ID NOS: 7046
; SOFTWARE: PatentIn ver 3.2
; SEQ ID NO 788
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-623-107-788

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 582 TTTTGTCTCTGTTTT 596
|||:|:|:|:|:|:|:
Db 2 TTTGTTCTCTGTTTT 16

RESULT 408
US-10-676-154-486/c
; Sequence 486, Application US/10676154
; GENERAL INFORMATION:
; APPLICANT: John Landers
; APPLICANT: David Houseman
; APPLICANT: Barbara Jordan
; APPLICANT: Alain Charest
; TITLE OF INVENTION: Methods and Products Related to
; FILE REFERENCE: M0656/7045(HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/676,154
; CURRENT FILING DATE: 2003-09-29
; PRIOR APPLICATION NUMBER: US 60/101,757
; PRIOR FILING DATE: 1998-09-25
; PRIOR APPLICATION NUMBER: PCT/US99/22283
; PRIOR FILING DATE: 1999-09-24
; NUMBER OF SEQ ID NOS: 691
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 486
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-10-676-154-486

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 766 CCTCCACTCTCTGAGG 780
|||:|:|:|:|:|:|:
Db 16 CCTCCGCTCTGAGG 2

RESULT 409
US-10-681-074-787/c
; Sequence 787, Application US/10681074
; GENERAL INFORMATION:
; APPLICANT: KMEC, ERIC B.
; APPLICANT: VAN BRABANT, ANJA
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR REDUCING SCREENING IN
; FILE REFERENCE: OLIGONUCLEOTIDE-DIRECTED NUCLEIC ACID SEQUENCE ALTERATION
; CURRENT APPLICATION NUMBER: US/10/681,074
; CURRENT FILING DATE: 2003-10-07
; PRIOR APPLICATION NUMBER: US 60/453,360

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/ PRIOR FILING DATE: 2003-03-07
/ PRIOR APPLICATION NUMBER: US 60/416,983
/ PRIOR FILING DATE: 2002-10-07
/ NUMBER OF SEQ ID NOS: 4375
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 787
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-681-074-787

Query Match      3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 582 TTTTGTCTCTGTTTT 596
DB 16 TTGGTTCTCTGTTTT 2

RESULT 410
US-10-681-074-788
/ Sequence 788, Application US/10681074
/ GENERAL INFORMATION:
/ APPLICANT: KWIEC, ERIC B.
/ APPLICANT: VAN BRABANT, ANJA
/ TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR REDUCING SCREENING IN
/ TITLE OF INVENTION: OLIGONUCLEOTIDE-DIRECTED NUCLEIC ACID SEQUENCE ALTERATION
/ FILE REFERENCE: NpTo-18 US
/ CURRENT APPLICATION NUMBER: US/10/681,074
/ CURRENT FILING DATE: 2003-10-07
/ PRIOR APPLICATION NUMBER: US 60/453,360
/ PRIOR FILING DATE: 2003-03-07
/ PRIOR APPLICATION NUMBER: US 60/416,983
/ PRIOR FILING DATE: 2002-10-07
/ NUMBER OF SEQ ID NOS: 4375
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 788
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-681-074-788

Query Match      3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 582 TTTTGTCTCTGTTTT 596
DB 2 TTGGTTCTCTGTTTT 16

RESULT 411
US-10-723-361-2137/c
/ Sequence 2137, Application US/10723361
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharron G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
/ FILE REFERENCE: PB0105
/ CURRENT APPLICATION NUMBER: US/10/723,361
/ CURRENT FILING DATE: 2003-11-26
/ PRIOR APPLICATION NUMBER: US 09/866,108
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Acomica Sequence Listing Engine
/ SEQ ID NO 2138
/ LENGTH: 17
/ TYPE: DNA
```

```
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Acomica Sequence Listing Engine
/ SEQ ID NO 2137
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-723-361-2137

Query Match      3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 683 CCCAGGCCACACTG 697
DB 17 CCCAGGCCACACTG 3

RESULT 412
US-10-723-361-2138/c
/ Sequence 2138, Application US/10723361
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharron G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
/ FILE REFERENCE: PB0105
/ CURRENT APPLICATION NUMBER: US/10/723,361
/ CURRENT FILING DATE: 2003-11-26
/ PRIOR APPLICATION NUMBER: US 09/866,108
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Acomica Sequence Listing Engine
/ SEQ ID NO 2138
/ LENGTH: 17
/ TYPE: DNA
```

```
; ORGANISM: Homo sapiens
US-10-723-361-2138

Query Match          3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 683 CCCAGGGCCACACTG 697
Db 16 CCCAGGGCCACAAATG 2

RESULT 413
US-10-723-361-2139/c
; Sequence 2139, Application US/10723361
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 2139
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-2139

Query Match          3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 683 CCCAGGGCCACACTG 697
Db 15 CCCAGGGCCACAAATG 1

RESULT 414
US-10-767-154-486/c
; Sequence 486, Application US/10767154
; GENERAL INFORMATION:
; APPLICANT: John Landers
; APPLICANT: David Houseman
; APPLICANT: Barbara Jordan
; APPLICANT: Alain Charest
```

```
; TITLE OF INVENTION: Methods and Products Related to
; FILE REFERENCE: Genotyping and DNA Analysis
; CURRENT APPLICATION NUMBER: US/10/767,154
; CURRENT FILING DATE: 2003-09-29
; PRIOR APPLICATION NUMBER: US 60/101,757
; PRIOR FILING DATE: 1998-09-25
; PRIOR APPLICATION NUMBER: PCT/US99/22283
; PRIOR FILING DATE: 1999-09-24
; NUMBER OF SEQ ID NOS: 691
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 486
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-10-767-154-486

Query Match          3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 766 CCTCCACTTCTGAGG 780
Db 16 CCTCCGCTTCTGAGG 2

RESULT 415
US-60-328-205-1114
; Sequence 1114, Application US/60328205
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: AECOMICA-26
; CURRENT APPLICATION NUMBER: US/60/328,205
; CURRENT FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 1114
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-60-328-205-1114

Query Match          3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 744 GTAGGTCCTCCAGGT 758
Db 3 GTAGGGGCCCCAGGT 17

RESULT 416
US-60-328-205-1118
; Sequence 1118, Application US/60328205
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: AECOMICA-26
; CURRENT APPLICATION NUMBER: US/60/328,205
; CURRENT FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 1118
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-60-328-205-1118

Query Match          3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

QY 746 AGGTCCTCCAGGTCC 760
Db 1 AGGGGCCCGAGGTCC 15

RESULT 417

PCT-US99-23171-85

; Sequence 85, Application PC/TUS9923171

; GENERAL INFORMATION:

; APPLICANT: Baker, Brenda F.

; APPLICANT: Cowser, Lex M.

; APPLICANT: Monia, Brett P.

; APPLICANT: Xu, Xiaoxing S.

; APPLICANT: Isis Pharmaceuticals, Inc.

; TITLE OF INVENTION: ANTISENSE MODULATION OF EXPRESSION OF TUMOR NECROSIS FACTOR RECEPTOR

; FILE REFERENCE: ISPH-0411

; CURRENT APPLICATION NUMBER: PCT/US99/23171

; CURRENT FILING DATE: 1999-10-05

; NUMBER OF SEQ ID NOS: 268

; SEQ ID NO 85

; LENGTH: 18

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: antisense sequence

PCT-US99-23171-85

Query Match 3.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 770 CACTTGTGAGGCAG 784
Db 1 CACTTGTGAGGCAG 15

RESULT 418

US-09-295-487A-8/c

; Sequence 8, Application US/09295487A

; GENERAL INFORMATION:

; APPLICANT: HEKIML, Siegfried

; TITLE OF INVENTION: STRUCTURAL AND FUNCTIONAL CONSERVATION

; FILE REFERENCE: OF THE C. ELEGANS CLOCK GENE CLK-1

; CURRENT APPLICATION NUMBER: US/09/295,487A

; CURRENT FILING DATE: 1999-04-20

; PRIOR FILING DATE: 1996-10-21

; PRIOR APPLICATION NUMBER: 60/028,977

; PRIOR FILING DATE: 1996-10-21

; PRIOR APPLICATION NUMBER: 60/033,196

; NUMBER OF SEQ ID NOS: 20

; SOFTWARE: FastSeq for Windows Version 3.0

; SEQ ID NO 8

; LENGTH: 18

; TYPE: DNA

; ORGANISM: artificial sequence

; FEATURE:

; OTHER INFORMATION: primer SHP59

US-09-295-487A-8

Query Match 3.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 827 GTGCTCTTTTCTTC 841
Db 18 GTGCTCTTTTCTTC 4

RESULT 419

US-09-295-487B-8/c

; Sequence 8, Application US/09295487B

; GENERAL INFORMATION:
; APPLICANT: HEKIML, Siegfried
; TITLE OF INVENTION: STRUCTURAL AND FUNCTIONAL CONSERVATION
; FILE REFERENCE: 701826/50013
; CURRENT APPLICATION NUMBER: US/09/295,487B
; CURRENT FILING DATE: 2002-01-24
; PRIOR FILING DATE: 1996-10-21
; PRIOR APPLICATION NUMBER: 60/028,977
; PRIOR FILING DATE: 1996-10-21
; PRIOR APPLICATION NUMBER: 60/033,196
; PRIOR FILING DATE: 1996-12-18
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 8
; LENGTH: 18
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: primer SHP59
US-09-295-487B-8

Query Match 3.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 827 GTGCTCTTTTCTTC 841
Db 18 GTGCTCTTTTCTTC 4

RESULT 420

US-09-295-487C-8/c

; Sequence 8, Application US/09295487C

; GENERAL INFORMATION:

; APPLICANT: HEKIML, Siegfried

; TITLE OF INVENTION: STRUCTURAL AND FUNCTIONAL CONSERVATION

; FILE REFERENCE: 11202-003-999

; CURRENT APPLICATION NUMBER: US/09/295,487C

; CURRENT FILING DATE: 1999-04-20

; PRIOR FILING DATE: 1996-10-21

; PRIOR APPLICATION NUMBER: 60/028,977

; PRIOR FILING DATE: 1996-10-21

; PRIOR APPLICATION NUMBER: 60/033,196

; PRIOR FILING DATE: 1996-12-18

; NUMBER OF SEQ ID NOS: 29

; SOFTWARE: FastSeq for Windows Version 3.0

; SEQ ID NO 8

; LENGTH: 18

; TYPE: DNA

; ORGANISM: artificial sequence

; FEATURE:

; OTHER INFORMATION: primer SHP59

US-09-295-487C-8

Query Match 3.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 827 GTGCTCTTTTCTTC 841
Db 18 GTGCTCTTTTCTTC 4

RESULT 421

US-10-067-125-85

; Sequence 85, Application US/10067125

; GENERAL INFORMATION:

; APPLICANT: Baker, Brenda F.

; APPLICANT: Cowser, Lex M.

; APPLICANT: Monia, Brett P.

; APPLICANT: Xu, Xiaoxing S.

; TITLE OF INVENTION: ANTISENSE MODULATION OF TRAF EXPRESSION

; FILE REFERENCE: ISPH-0321

; CURRENT APPLICATION NUMBER: US/10/067,125
; CURRENT FILING DATE: 2002-02-04
; PRIOR APPLICATION NUMBER: 09/167,109
; PRIOR FILING DATE: 1998-10-06
; NUMBER OF SEQ ID NOS: 228
; SEQ ID NO 85
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-10-067-125-85

Query Match 3.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 770 CACTTCTGAGGCAG 784
|||||
Db 1 CACTTGTGAGGCAG 15

RESULT 422

US-10-293-338-954/c
; Sequence 954, Application US/10293338
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY GENES AND
; FILE REFERENCE: 45282
; CURRENT APPLICATION NUMBER: US/10/293,338
; CURRENT FILING DATE: 2002-11-14
; NUMBER OF SEQ ID NOS: 8785
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 954
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-293-338-954

Query Match 3.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 761 CTAGGCTCCACTTC 775
|||||
Db 15 CTGGGCTCCACTTC 1

RESULT 423

US-10-188-27166/c
; Sequence 27166, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86941
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 27166
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-188-27166

Query Match 3.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 581 CTTTGTCTGTTT 595
|||||

Db 17 CTTTGTCTGTTT 3

RESULT 424

US-10-310-188-85078/c
; Sequence 85078, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENES
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 85078
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-85078

Query Match 3.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 527 TTCCCAACATCTCT 541
|||||
Db 17 TTCCCAACATCTCT 3

RESULT 425

US-10-349-143-8403/c
; Sequence 8403, Application US/10349143
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; PRIOR FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 8403
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer 99-1520 for SEQ 538, in complement
US-10-349-143-8403

Query Match 3.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 518 ACCAATACTTCCCA 532
|||||
Db 16 ACCAATACTTCCCA 2

RESULT 426

US-60-216-745-9481
; Sequence 9481, Application US/60216745
; GENERAL INFORMATION:

APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
APPLICANT: Abderrahim, Hadi
APPLICANT: Dufauré-Gare, Isabelle
TITLE OF INVENTION: BIALLELIC MARKER MAPS FOR USE IN CONSTRUCTING A HIGH DENSITY...
FILE REFERENCE: 84.US1.PRO
CURRENT APPLICATION NUMBER: US/60/216,745
CURRENT FILING DATE: 2000-06-30
NUMBER OF SEQ ID NOS: 13665
SOFTWARE: Patent.pm
SEQ ID NO 9481
LENGTH: 18
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..18
OTHER INFORMATION: downstream amplification primer 99-40519 for SEQ 419, in compleme
US-60-216-745-9481

Query Match 3.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 830 TCTCTTTTCTCTCT 844
|||||
Db 2 TCTCTTTTCTCTCT 16

RESULT 427
PCT-US03-16651-320
Sequence 320, Application PC/TUS0316651
GENERAL INFORMATION:
APPLICANT: CepTyr, Inc.
APPLICANT: Lewis, Stephen Patrick
APPLICANT: Klinghoffer, Richard
APPLICANT: Wilson, Linda K.
TITLE OF INVENTION: MODULATION OF PTP1B SIGNAL TRANSDUCTION
FILE REFERENCE: 200125.441PC
CURRENT APPLICATION NUMBER: PCT/US03/16651
CURRENT FILING DATE: 2003-05-23
NUMBER OF SEQ ID NOS: 599
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 320
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Small interfering RNA
PCT-US03-16651-320

Query Match 3.4%; Score 13.4; DB 1; Length 19;
Best Local Similarity 86.7%; Pred. No. 2.5e+02;
Matches 13; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 506 ACAACCCACAGTACC 520
|||||
Db 5 ACAACCCAUAGUACC 19

RESULT 428
PCT-US03-16651-321
Sequence 321, Application PC/TUS0316651
GENERAL INFORMATION:
APPLICANT: CepTyr, Inc.
APPLICANT: Lewis, Stephen Patrick
APPLICANT: Klinghoffer, Richard
APPLICANT: Wilson, Linda K.
TITLE OF INVENTION: MODULATION OF PTP1B SIGNAL TRANSDUCTION
FILE REFERENCE: 200125.441PC

CURRENT APPLICATION NUMBER: PCT/US03/16651
CURRENT FILING DATE: 2003-05-23
NUMBER OF SEQ ID NOS: 599
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 321
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Small interfering RNA
PCT-US03-16651-321

Query Match 3.4%; Score 13.4; DB 1; Length 19;
Best Local Similarity 86.7%; Pred. No. 2.5e+02;
Matches 13; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 506 ACAACCCACAGTACC 520
|||||
Db 4 ACAACCCAUAGUACC 18

RESULT 429
US-10-303-778-14621/c
Sequence 14621, Application US/10303778
GENERAL INFORMATION:
APPLICANT: RosettaGenomics
TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL
FILE REFERENCE: 47416
CURRENT APPLICATION NUMBER: US/10/303,778
CURRENT FILING DATE: 2002-11-26
NUMBER OF SEQ ID NOS: 17608
SOFTWARE: PatentIn version 3.1
SEQ ID NO 14621
LENGTH: 19
TYPE: DNA
ORGANISM: Homo sapiens
US-10-303-778-14621

Query Match 3.4%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 2.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 691 CACACTGTACCTCC 705
|||||
Db 15 CACACTGTACTCTCC 1

RESULT 430
US-10-310-188-26928/c
Sequence 26928, Application US/10310188
GENERAL INFORMATION:
APPLICANT: RosettaGenomics
TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE
FILE REFERENCE: 47487
CURRENT APPLICATION NUMBER: US/10/310,188
CURRENT FILING DATE: 2002-12-19
NUMBER OF SEQ ID NOS: 86941
SOFTWARE: PatentIn version 3.1
SEQ ID NO 26928
LENGTH: 19
TYPE: DNA
ORGANISM: Homo sapiens
US-10-310-188-26928

Query Match 3.4%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 2.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 691 CACACTGTACCTCC 705
|||||
Db 15 CACACTGTACTCTCC 1

```
RESULT 431
US-10-310-188-58772
; Sequence 58772, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENES
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 58772
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-58772

Query Match      3.4%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 2.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      629 CTGACAGAGGCTCT 643
Db      4 CTGACAGAGGCTCT 18

RESULT 432
US-10-310-188-60432
; Sequence 60432, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENES
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 60432
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-60432

Query Match      3.4%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 2.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      512 CACAGTACCAATCT 526
Db      1 CACAGTACCAATCT 15

RESULT 433
US-10-310-188-61099
; Sequence 61099, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENES
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 61099
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-61099
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Query Match      3.4%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 2.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      706 AGCGAGTCCCAGGAG 720
Db      5 AGCGAGTCCCAGGAG 19

RESULT 434
US-10-313-211-12/c
; Sequence 12, Application US/10313211
; GENERAL INFORMATION:
; APPLICANT: Pihan, German
; TITLE OF INVENTION: TARGETED GENETIC RISK-STRATIFICATION
; FILE REFERENCE: 07917-158001
; CURRENT APPLICATION NUMBER: US/10/313,211
; CURRENT FILING DATE: 2002-12-06
; PRIOR APPLICATION NUMBER: US 60/338,442
; PRIOR FILING DATE: 2001-12-07
; PRIOR APPLICATION NUMBER: US 60/423,793
; PRIOR FILING DATE: 2002-11-05
; NUMBER OF SEQ ID NOS: 159
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 12
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-313-211-12

Query Match      3.4%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 2.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      529 CCCACATCTCTCTGC 543
Db      15 CCCAACTTCTCTCTGC 1

RESULT 435
US-10-444-925-320
; Sequence 320, Application US/10444925
; GENERAL INFORMATION:
; APPLICANT: Lewis, Stephen Patrick
; APPLICANT: Klinghoffer, Richard
; APPLICANT: Wilson, Linda K.
; TITLE OF INVENTION: MODULATION OF PTP1B SIGNAL TRANSDUCTION
; TITLE OF INVENTION: BY RNA INTERFERENCE
; FILE REFERENCE: 200125.441
; CURRENT APPLICATION NUMBER: US/10/444,925
; CURRENT FILING DATE: 2003-05-23
; NUMBER OF SEQ ID NOS: 599
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 320
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Small interfering RNA
US-10-444-925-320

Query Match      3.4%; Score 13.4; DB 1; Length 19;
Best Local Similarity 86.7%; Pred. No. 2.5e+02;
Matches 13; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY      506 ACAACCCACAGTACC 520
Db      5 ACAACCCAGUAGUACC 19
```

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RESULT 436
US-10-444-925-321
; Sequence 321, Application US/10444925
; GENERAL INFORMATION:
; APPLICANT: Lewis, Stephen Patrick
; APPLICANT: Klinghoffer, Richard
; APPLICANT: Wilson, Linda K.
; TITLE OF INVENTION: MODULATION OF PTPLB SIGNAL TRANSDUCTION
; TITLE OF INVENTION: BY RNA INTERFERENCE
; FILE REFERENCE: 200125.441
; CURRENT APPLICATION NUMBER: US/10/444,925
; CURRENT FILING DATE: 2003-05-23
; NUMBER OF SEQ ID NOS: 599
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 321
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Small interfering RNA
US-10-444-925-321

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Query Match      3.4%; Score 13.4; DB 1; Length 19;
Best Local Similarity 86.7%; Pred. No. 2.5e+02;
Matches 13; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

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QY      506 ACAACCCACAGTACC 520
Db      4 ACAACCCACAGTACC 18

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Search completed: March 8, 2004, 14:16:42
Job time : 4 secs

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